# **DEPARTMENT OF THE ARMY**

# **Procurement Programs**



Committee Staff Procurement Backup Book FY 2008 Global War On Terror Budget Estimate

OTHER PROCUREMENT, ARMY Tactical and Support Vehicles

**Budget Activity 1** 

**APPROPRIATION** 

### \*\*\* UNCLASSIFIED \*\*\*

**EXHIBIT P-1** 

DATE: 29 Jan 2007

# DEPARTMENT OF THE ARMY

# FY 2008 PROCUREMENT PROGRAM

FY 2008 GLOBAL WAR ON TERROR BUDGET ESTIMATE

APPROPRIATION Other Procurement, Army ACTIVITY 01 Tactical and Support vehicles DOLLARS IN THOUSANDS

LINE NO	ITEM NOMENC	LATURE	FY 08 Base Appropriation	FY08 GWOT	FY08 Total
	TACTICAL VEH	ICLES			
	1	TACTICAL TRAILERS/DOLLY SETS (DA0100)	57,053	210,188	267,241
	2	Semitrailers, Flatbed: (D01001)	6,100	6,226	12,326
	4	HI MOB MULTI-PURP WHLD VEH (HMMWV) (D15400)	596,627	1,321,630	1,918,257
	5	FAMILY OF MEDIUM TACTICAL VEH (FMTV) (D15500)	828,403	185,110	1,013,513
	6	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT (D15800)	36,011	9,000	45,011
	7	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) (DA0500)	483,023	1,136,455	1,619,478
	8	ARMORED SECURITY VEHICLES (ASV) (D02800)	155,124	301,898	457,022
	9	Mine Protection Vehicle Family (D02901)	199,100	174,440	373,540
1	10	TRUCK, TRACTOR, LINE HAUL, M915/M916 (DA0600)	83,897	276,022	359,919
1	13	HMMWV RECAPITALIZATION PROGRAM (DV0230)		455,000	455,000
1	14	MODIFICATION OF IN SVC EQUIP (DA0924)	32,725	1,094,789	1,127,514
1	15	ITEMS LESS THAN \$5.0M (TAC VEH) (DL5110)		7,970	7,970
		A CTIVITY TOTAL	4 000 050	F 470 700	0.707.507
		ACTIVITY TOTAL	4,608,859	5,178,728	9,787,587

\*\*\* UNCLASSIFIED \*\*\*

# **Table of Contents - Other Procurement, Army**

Page	Nomenclature	SSN	BLIN
	TACTICAL TRAILERS/DOLLY SETS	DA0100	001
12	Semitrailers, Flatbed:	D01001	002
19	HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	004
24	FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	005
	FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	006
	FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	007
	ARMORED SECURITY VEHICLES (ASV)	D02800	008
64	Mine Protection Vehicle Family	D02901	009
75	TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	010
	HMMWV RECAPITALIZATION PROGRAM	DV0230	013
91	MODIFICATION OF IN SVC EQUIP	DA0924	014
138	ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	015

# **Alphabetic Listing - Other Procurement, Army**

Nomenclature	SSN	BLIN	Page
ARMORED SECURITY VEHICLES (ASV)	D02800	008	 59
FAMILY OF HEAVY TACTICAL VEHICLES (FHTV)	DA0500	007	36
FAMILY OF MEDIUM TACTICAL VEH (FMTV)	D15500	005	24
FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIPMENT	D15800	006	29
HI MOB MULTI-PURP WHLD VEH (HMMWV)	D15400	004	19
HMMWV RECAPITALIZATION PROGRAM	DV0230	013	87
ITEMS LESS THAN \$5.0M (TAC VEH)	DL5110	015	138
Mine Protection Vehicle Family	D02901	009	64
MODIFICATION OF IN SVC EQUIP	DA0924	014	91
Semitrailers, Flatbed	D01001	002	12
TACTICAL TRAILERS/DOLLY SETS	DA0100	001	1
TRUCK, TRACTOR, LINE HAUL, M915/M916	DA0600	010	75

Exhibit P-	-1M, Proc	uremen	t Progr	ams - N	Modifica	tion Su	mmary			ı
	<u>2006 &amp;</u>	<u>2007</u>	2008	2009	<u>2010</u>	<u>2011</u>	2012	<u>2013</u>	<u>To</u>	<u>Total</u>
System/Modification	<u>Prior</u>								<u>Complete</u>	<u>Program</u>
MODIFICATION OF IN SVC EQUIP (DA0924)										
FMTV LSAC Kits										
ASV Wheel Well & Underbody Applique										
Ambulance Carrier Medium Troop Transport			23.0							23.0
FMTV LSAC Applique										
HEMTT Applique										
Tactical Vehicles Safety Enhancements										
HMMWV FRAG Kit #3 (Fuel Tank)			14.9							14.9
Driver Vision Enhancement System			6.3							6.3
Air Conditioning			3.0							3.0
Roll Stability			7.3							7.3
Vehicle Computer System			3.0							3.0
Vehicle Intercrew Communications			9.5							9.5
О-GPК НЕМТТ			34.3							34.3
O-GPK PLS			15.2							15.2
M915A2+ Frag Kit #4			17.1							17.1
FMTV 0-GPK			52.6							52.6
Remote Weapon Station (MPRCV)			75.0							75.0
Rebuild Kits (MPRCV)			210.0							210.0
Add on Armor (BEB)			1.2							1.2
Next Generation Armor (MPRCV)			174.8							174.8
Medium Truck Armor Kits										
M915A2+ Simula										
PLS Applique										
Side Saddle Fuel Tank Protection										
HMMWV FRAG Kit #4 (Underbody)			133.1							133.1
HMMWV Enhanced GPK			135.8							135.8
Fuel Tank Insertion Safety Foam										
ASV Enhancement Retrofits			40.0							40.0
HMMWV AC Improvements			81.0							81.0
PLS Trailer Wheel Modification										
Fuel Tanker Armor Kits										
HMMWV ECM Conversion										

P-1M, Proc	uremen	t Progr	ams - N	<b>Iodifica</b>	tion Su	mmary			'
<u>2006 &amp; </u>	<u>2007</u>	2008	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	2013	<u>To</u>	<u>Total</u>
<u>Prior</u>								<u>Complete</u>	<u>Program</u>
		86.0							86.0
		4.4							4.4
		1127.5							1127.5
		1127.5							1127.5
		<u>2006 &amp; 2007</u>	2006 & 2007 2008  Prior  86.0 4.4 1127.5	2006 & 2007 2008 2009  Prior  86.0 4.4 1127.5	2006 & 2007 2008 2009 2010  Prior  86.0 4.4 1127.5	2006 & 2007 2008 2009 2010 2011  Prior  86.0 4.4 1127.5	Prior  86.0  4.4  1127.5	2006 & 2007 2008 2009 2010 2011 2012 2013  Prior  86.0 4.4 1127.5	2006 & 2007 2008 2009 2010 2011 2012 2013 <u>To Complete</u> 86.0 4.4 1127.5

Exhibit P-40, Budget Iter	m Justifica	tion	Sheet							Date:			
Emisit 1 10, Eduget 1te.	an o distinct			•							Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature ACTICAL TRAILI	ERS/DOLLY SETS	S (DA0100)				
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY	2006	FY 2010	FY 2011	FY 20	)12	FY 2013	To Complete	Total Prog			
Proc Qty					17902								17902
Gross Cost					267.2								267.2
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					267.2								267.2
Initial Spares													
Total Proc Cost					267.2								267.2
Flyaway U/C													
Weapon System Proc U/C			•		0.0								0.0

Tactical trailers and dolly sets are used to transport generators, shelters, drinking water, ammunition, and general cargo. This budget line funds the Light Tactical Trailer (LTT) and the Heavy Expanded Mobility Ammunition Trailer (HEMAT). The prime movers for these trailers range from the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) to the 10-Ton M977 Series Heavy Expanded Mobility Tactical Truck (HEMTT).

#### **Justification:**

FY 2008 GWOT consists of \$63.056 million to procure 772 Heavy Expanded Mobility Ammunition Trailers (HEMATs) and \$147.132 million to procure 12,810 LTTs to efficiently execute the Global War on Terror (GWOT). The US Army directed that early deployers leave behind their assigned equipment for use by follow-on units deploying for OIF/OEF including mobilized Reserve Component Units (RC). The Army directed Reserve and Active units to transfer a considerable quantity of assigned equipment to other components, services, and contractors. The FY08 GWOT supports Active Component reconstruction for replacement of battle damaged equipment and to payback Reserve Component Units for stay behind equipment left in theater.

FY08 Base: \$57.053 million FY08 GWOT: \$210.188 million FY08 Total: \$267.241 million

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					menclature: AILERS/DOLLY	SETS (DA0100)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HEAVY, EXPANDED MOBILITY (D05700)	Α							63056	772	82			
LIGHT TACTICAL TRAILER (D06700)	Α							204185	17130	12			
Total:								267241					

Exhibit P-40, Budget Item	Justificatio	n S	heet							Γ	Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 I		omenclature RAILER, HEAVY,	EXPANDED MO	BILITY (D0	05700)			
Program Elements for Code B Items:			Code:	A	Other Related I	rogram E	Element	s:						
	Prior Years	FY	Y 2006	FY 200	7 FY 2008	FY 2	2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty					77	2								772
Gross Cost					63	.1								63.1
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc P1					63	.1								63.1
Initial Spares														
Total Proc Cost					63	.1								63.1
Flyaway U/C														
Weapon System Proc U/C														

The Heavy Expanded Mobility Ammunition Trailer (HEMAT) is an 11-Ton, 4-wheel, "wagon-configuration" trailer specifically designed for operation in rough terrain. The HEMAT provides tactical ammunition and fuel resupply for Army combat vehicles (general ammunition pallets), missile systems (Multiple Launch Rocket System), rotary-wing aircraft (Hellfire Missiles), and 500 gallon fuel (bladders). The designated prime mover for HEMAT is the M977 Series Heavy Expanded-Mobility Tactical Truck (HEMTT). The trailer is strategically transportable by C-130 through C-5 airframes, marine and amphibious vessels, and rail. It is designated for bulk cargo and the MLRS.

#### **Justification:**

FY 2008 requirement consists of \$63.056 million for GWOT to procure 772 Heavy Expanded Mobility Ammunition Trailers (HEMATs), to efficiently execute the Global War on Terror (GWOT). The US Army directed that early deployers leave behind their assigned equipment for use by follow-on units deploying for OIF/OEF including mobilized Reserve Component Units (RC). The Army directed Reserve and Active units to transfer a considerable quantity of assigned equipment to other components, services, and contractors. The FY08 GWOT procurement is required to replace battle losses and to payback Reserve Components Units for stay behind equipment left in theater.

FY08 Baseline: \$0 FY08 Bridge: \$0 FY08 GWOT: \$63.056 FY07 Total: \$63.056

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar					omenclature: VY, EXPANDED	MOBILITY (D05	5700)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY 2008 GWOT													
HEMAT Hardware with FRET								54812	772	71			
Subtotal hardware								54812					
Support Cost													
Engineering Change Proposals (ECPs)								822					
System Fielding								3937					
PM Support								3485					
Subtotal Support Costs								8244					
Total FY 2008 GWOT								63056					
Total:								63056					

Exhibit P-5a, Budget Procurement	History and	Planning							Oate: Sebruary :	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon S	System Type:	P-1 Line Item TRAILER, HI	Nomenclature: EAVY, EXPANDED MOBILIT	ΓΥ (D05700)						
WBS Cost Elements:	Contracto	or and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 GWOT FY 2008	DRS Technologies St. Louis, MO		FFP/IDIQ-3	TACOM, Warren, MI	Jun 08	Nov 08	772	71	Yes	N/A	N/A
				_	•	•		•			

REMARKS:

		F	FY 08 /	'09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN TRAILE				о мові	ILITY (I	D05700)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal	Year 0	3	ı									Fiscal Y	Year 09	1					
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HE	MAT H	ardware	with FRI	ET	•	•		•						•	•	•							•		•					
1	FY 08 GWOT	A	772	0	772									A					40	40	40	40	40	40	40	40	40	40	40	332
Tot	al		772		772	_		_							_				40	40	40	40	40	40	40	40	40	40	40	332
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	CTION	RATES						Α	DMIN I	LEAD T	IME		MFR		TOTA	<b>A</b> L	REMA					
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DA0100 (D05700) TRAILER, HEAVY, EXPANDED MOBILITY Item No. 1 Page 6 of 11 6

Exhibit P-21 Production Schedule

		F	Y 10 /	11 BU	DGE	Γ PR(	DUC	CTIO	N SCI	HEDU	LE			P-1 ITEN TRAILE				D MOBI	ILITY (I	D05700)	1		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	ear 10	,										Fiscal Y	Year 11						
M		S E	PROC	ACCEP PRIOR	BAL									Calenda	r Year 1	0								Cale	ndar Ye	ar 11				1
M F	FY	R	QTY Units	ТО	AS OF	O C	N O	D E	J A	F E	M A	A P	M	J U	J U	A U	S E	O C	N O	D E	J	F E	M A	A P	M A	J U	J U	A	S E	-
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1	FY 08 GWOT	A	772	440	332	40	40	40	40	40	40	40	40	12																0
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To	tal		772	440	332	40	40	40	40	40	40	40	40	12	_		_			_	_					_			_	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							J	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reacl	ned M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct	Contra	ctor is ur	nable to	increase	capacit	y.
R			Nam	ne - Locati	on		N	MIN	1-8-5	MAX	D+	- 1	l Ini	tial			0		1		5		6							
1	DRS T	echnolo	ogies, St.	Louis, MC	)			5	20	40	12		Re	order			0		1		5		6							
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Exhibit P-40, Budget Item	Justificatio	n Sl	heet							D	ate:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1		menclature GHT TACTICAL	TRAILER (D0670	0)				
Program Elements for Code B Items:			Code:	A	Other Related	Program	Element	s:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY	2009	FY 2010	FY 2011	FY 201	2	FY 2013	To Complete	Total Prog
Proc Qty	5116				171	30								22246
Gross Cost	60.2				204	.2								264.4
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc P1	60.2				204	.2								264.4
Initial Spares														
Total Proc Cost	60.2				204	.2								264.4
Flyaway U/C			-				-							
Weapon System Proc U/C	0.0				(	.0	•							0.0

The Light Tactical Trailer (LTT) is the companion trailer for the High Mobility Multi-Purpose Wheeled Vehicle (HMMWV). The LTT is compatible with both the light and heavy HMMWV. The LTT family of trailers (light, heavy, and heavy chassis) maximize the HMMWV's cargo carrying capabilities throughout the HMMWV's mission profile. The LTT, when coupled with the HMMWV, provides a force multiplier by increasing load bearing capability without increasing the logistics footprint. The LTT is used throughout the Army force structure and Department of Defense. It will eventually replace over-age and over-mileage M101 series trailers. The LTT is used in conjunction with the HMMWV as a system platform for over 30 Army programs including weapon, communication and intelligence systems. These include the Joint Surveillance Target Attack Radar Systems, Trojan Spirit, Integrated System Control, Explosive Ordnance Disposal, Joint Tactical Unmanned Aerial Vehicle, Robotic Sensors, PM Mortars, and Joint Network Node.

### Justification:

FY 2008 GWOT includes \$147,132 million to procure 12,810 LTTs. The LTT is needed to support the Global War on Terrorism. The FY08 procurement provides equipment to deploying units, newly formed Brigade Combat Teams (BCT), force re-generation and includes fielding to Army National Guard and Reserve units. The LTT is also required for Data Interchange program development and fielding of critical Combat Support and Combat Service Support Systems. LTT's will also be supplied to integrating project managers to support meeting their critical milestones in equipping SBCT (7) and BCT modularization. The FY 2008 GWOT procurement supports Active Component reconstitution for replacement of battle damaged equipment and to payback Reserve Component Units for stay behind equipment left in theater.

FY08 Base \$57,053 million FY08 GWOT \$147,132 million FY08 Total \$204,185 million

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, A					menclature: AL TRAILER (D	06700)		Weapon System	n Type:	Date:	February 200
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY 2008 BASE APPROPRIATION													
LTT Trailer Hardware								44130	4320	10			
2. Engineering Changes								662					
3. Government Testing								300					
4. Engineering Support - In-House								120					
5. Documentation								40					
6. Fielding Support								9009					
7. PM Support - Government								2792					
FY 2008 GWOT REQUEST													
LTT Trailer Hardware								121700	12810	10			
2. Fielding Support								25432					
Total:								204185					

Exhibit P-5a, Budget Procurement	History and	d Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapo	n System Type:		Nomenclature: TICAL TRAILER (D06700)							
WBS Cost Elements:	Contrac	ctor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 BASE APPROPRIATION FY 2008 Base	TBS TBS		C/REQTS	TACOM, Warren, MI	Dec 07	Feb 08	4320	10	Y	Mar 07	May 0
FY 2008 GWOT REQUEST FY 2008 GWOT	TBS TBS		C/REQTS	TACOM, Warren, MI	Jul 08	Oct 08	12810	10	Y	Mar 07	May 0

REMARKS: Currently planning competetive procurement to support the FY08 requirements. FY08 GWOT procurement may require multiple contractors to accommodate surge in production.

		F	FY 08 /	09 BU	DGET	PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEM LIGHT T				006700)					Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	}						Fiscal Y	ear 08											Fiscal Y	Year 09						
	1	C	PROC	ACCEP	BAL				1					C-1	. 37 0	0								C-1	J <b>X</b> 7	00				
M		S E	PROC QTY	PRIOR	DUE									Calendaı	· Year 0	8								Calei	ıdar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
FY	2008 Ba	ase App	ropriation	l																										
1	FY 08 Base	A	4320	0	4320			A		360	360	360	360	360	360	360	360	360	360	360	360									0
FY	2008 G	WOT	1	I																			ı	ı						I
2	FY 08 GWOT		12810	0	12810										A			700	700	700	700	1260	1250	1250	1250	1250	1250	1250	1250	0
То	tal		17130		17130					360	360	360	360	360	360	360	360	1060	1060	1060	1060	1260	1250	1250	1250	1250	1250	1250	1250	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
							•	•													•									
M								PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reac	hed MI	FR			-	or 1 Oct	1	r 1 Oct	Aft	er 1 Oct		After 1	Oct	FY08 0	GWOT F				multiple oduction.
R			Nan	ne - Locati	on		1	MIN	1-8-5	MAX	D-	- 1	Init	ial			0		2		2		4		Commac	iois io a	ccomm	date sui	ge iii pi	oduction.
1	TBS, T	ΓBS						45	200	600	6		Red	order			0		2		2		4							
2	TBS, 7	ΓBS						120	525	700	6	2	Init	ial			0		9		3		12							
													Red	order			0		9		3		12							
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	+							-				-		order				1		-					-					
	+												Init	1al order											1					

DA0100 (D06700) LIGHT TACTICAL TRAILER Item No. 1 Page 11 of 11

Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justificatio	n Sh	neet							Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Taction		cles				P-1 Item No	omenclature mitrailers, Flatbed	: (D01001)					
Program Elements for Code B Items:		(	Code:	A	Other Related Pr	ogram Element	ts:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	)12	FY 2013	To Complete	Total Prog
Proc Qty					197								197
Gross Cost					12.3								12.3
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					12.3								12.3
Initial Spares													
Total Proc Cost					12.3								12.3
Flyaway U/C													
Weapon System Proc U/C		_											

The M870A3 semitrailer lowbed is a 40-ton hydraulic detachable system capable of handling payloads up to 80,000 pounds on primary, secondary, and trail profiles. The semitrailer is a 45-foot long, 102-inch wide multi-axle state-of-the-art trailer with vehicle front end loading capability, dual 12/24 volt electrical system including light emitting diode (LED) lights and 12-inch extensions to expand the trailer width to 126 inches. The semitrailer is connected to its prime movers via either a 2 or 3.5-inch king pin assembly. Prime mover is the M915 line haul tractor.

The M871A3 semitrailer is a 22 1/2-ton drop deck/break bulk (DD/BB) container transporter. It is a tactical, dual purpose, bulk, and container transporter. It transports 20 foot International Organization for Standardization (ISO) Containers on line haul missions and is the primary means of distributing containers and bulk cargo.

The M872A4 semitrailer is a 34-ton, dual purpose, break bulk/container transporter. The semitrailer has a maximum rated payload of 68,000 pounds and is capable of a daily operating range of at least 300 miles at sustained speeds of 50-60 miles per hour.

### **Justification:**

FY2008 GWOT dollars are to procure an additional 100 M872A4 by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY 2008 Base Appropriation \$6.100

FY 2008 GWOT \$6.226

FY 2008 Total \$12.326

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar			P-1 Lin Semitra		menclature: bed: (D01001)			Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Semitrl LB 40T M870A1/A3 (D00700)													
Semitrl FB BB 22 1/2T M871A3 (D01500)													
Semitrl FB BB/Cont 34T M872A4 (D01600)								12326	197	63			
Total:								12326					

Exhibit P-40, Budget Item	Justificatio	on S	heet							I	Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles					P-1 Item No		BB/CONT TR 34T	M872 C/S (	(D0160	00)		
Program Elements for Code B Items:			Code:	A	Othe	er Related Pro	gram Element	S:						
	Prior Years	FY	Z 2006	FY 200	7	FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty						197								197
Gross Cost						12.3								12.3
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc P1						12.3								12.3
Initial Spares														
Total Proc Cost						12.3								12.3
Flyaway U/C														
Weapon System Proc U/C			•											

The M872A4 semitrailer is a dual purpose, break bulk/container transporter, 43-foot with a maximum payload of 67,200 pounds over primary and improved secondary roads. The M872A4 is a commercially adapted semitrailer. Its mission is to transport a single 40-foot or two 20-foot International Organization for Standardization (ISO) containers, palletized cargo, and light combat and tactical vehicles. The A4 model provides greater off road capability than the previously fielded models. It has been updated to minimize corrosion to achieve a minimum 20 year service life. The axles now have greater capacities to carry increased weight and the suspension was redesigned to improve flexion and deflection of the trailer deck for non-standard shaped loads. It also includes an enhanced electrical system for the attachment of diagnostic equipment, anti-lock brake controllers for improved control, and tires and rims that have been updated to add service life. The prime mover is the M915 series 6 x 4 line haul tractor.

### **Justification:**

FY 2008 requirement includes \$6.226 million for GWOT to procure an additional 100 M872A4 semitrailers, to efficiently execute the Global War on Terror (GWOT). The US Army directed that early deployers leave assigned equipment for use by follow-on units deploying for OIF/OEF including mobilized Reserve Component Units (RC). Additionally the Army directed Reserve units as well as Active component units to transfer a considerable quantity of assigned equipment to other components, services, and contractors. The FY08 GWOT procurement is required to replace battle losses and to payback Reserve Components Units for stay behind equipment left in theater.

FY08 Baseline: \$6.100 FY08 Bridge: \$0 FY08 GWOT: \$6.226 FY08 Total: \$12.326

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp: Other	riation/Budget A Procurement, A	ctivity/Ser rmy / 1 / Ta	ial No: actical and suppor			menclature: FB BB/CONT TR	34T M872 C/S (I	001600)	Weapon System	n Type:	Date:	February 200
OPA1	ID		FY 06			FY 07			FY 08			FY 09	)
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 Base Appropiation													
M872A4 Hardware with FRET								5246	97	54			
Subtotal Hardware								5246					
Support Cost													
Government Testing								14					
Program Management Support								183					
System Fieldings								485					
Engineering Change Proposal (ECPs)								158					
Modifications								14					
<b>Subtotal Support Cost</b>								854					
<b>Total FY 2008 Base Appropiation</b>								6100					
FY 2008 GWOT													
M872A4 Hardware with FRET								5400	100	54			
Subtotal Hardware								5400					
Government Testing								15					
System Fieldings								526					
Engineering Change Proposal (ECPs)								270					
Modifications								15					
Subtotal Support Cost								826					
Total FY 2008 GWOT								6226					
Total:								12326					

Exhibit P-5a, Budget Procurement	History and Planning							Oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: ER FB BB/CONT TR 34T M8	72 C/S (D01600	)					
WBS Cost Elements:	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date			
M872A4 Hardware with FRET										
FY 2008 Pres Bud	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP	TACOM, Warren, MI	Jan 08	Jul 08	97	54	YES	N/A	JUL 0
FY 2008 GWOT	Talbert Manufacturing, Inc. Rensselaer, Indiana	FFP		Jun 08	Dec 08	100	54	YES	N/A	N/A

REMARKS:

		F	Y 08 /	09 BU	DGE'	T PR	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN SEMITE	M NOME RAILER I	ENCLA FB BB/0	TURE CONT TI	R 34T M	1872 C/S	S (D0160	00)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal Y	Zear 08	3	u .									Fiscal Y	Year 09						
			DD C C	+ GGER	DAY				1					~							Ι			~ .						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M8	72A4 H	ardware	with FRI	ET				•	•		•			•										•						
1	FY 08 PB	A	97	0	97	7			A						20	20	20	27	10										1	0
	FY 08	A	100	0	100	)								A						10	9	9	8	8	8	8	8	8	8	16
	GWOT												<u> </u>																<u> </u>	
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Tot	al		197		197	7									20	20	20	27	10	10	9	9	8	8	8	8	8	8	8	16
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						•	•	•	•				•				•							•	•		•			
M								PRODU	JCTION :	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reacl	hed M	FR			Prio	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
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1	Talber	t Manuf	facturing,	Inc., Rens	sselaer, I	ndiana		1	50	50	10	1	-+	Reorder			0		3		6		9		_					
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		F	FY 10 /	'11 BU	DGE	T PR	ODU	CTIO	N SCI	HEDU	LE			P-1 ITE	M NOME RAILER	ENCLA' FB BB/0	TURE CONT TI	R 34T M	1872 C/S	S (D016	00)		Dar	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal `	Year 10	)										Fiscal Y	Year 11						
		T ~	l nn c c																		1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	.0								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M8	72A4 H	ardware	with FRI	ET																										
1	FY 08 PB	A	97	97																										0
1	FY 08 GWOT	A	100	84	16	5 8	3 8	:																						0
	GWOI																													
Tot	al		197	181	16	5 8	8																							
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M								PRODU	JCTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOT	AL	REMA	RKS				1
F											Reac	hed M	FR			Pri	or 1 Oct	Afte	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nam	ne - Locati	on		]	MIN	1-8-5	MAX	D-	+	1 I	nitial			0		4		6		10							
1	Talber	t Manuf	facturing,	Inc., Rens	sselaer, I	ndiana		1	50	50	10	)	-+	teorder			0		3		6		9							
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Exhibit P-40, Budget Item	Justificatio	n S	heet						Date		hm.om. 2007	
										Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature MOB MULTI-PU	RP WHLD VEH (	HMMWV) (D154	00)		
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY	7 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					9958							9958
Gross Cost					1918.3							1918.3
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					1918.3							1918.3
Initial Spares												
Total Proc Cost					1918.3							1918.3
Flyaway U/C												
Weapon System Proc U/C												

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) is a lightweight, high performance, four-wheel drive, air transportable and air droppable family of tactical vehicles. The vehicle has a diesel engine, automatic transmission and payload capacity of 3,500 lbs. The M1151 replaces the M1025A2 Armament Carrier. The M1152 (2-door variant) and M1165 (4 door variant) replaces the M1097A2 Heavy HMMWV and the M1113 Expanded Capacity Vehicle (ECV). All variants are built on an ECV Chassis which provides additional carrying capacity and are produced with an integrated armor package with the capability to accept add-on armor kits.

#### **Justification:**

FY2008 GWOT procures a mix of 6,690 Armored M1151A1's, M1152A1,s and M1165A1's with integrated armor and safety initiatives such as fire suppression and safety restraints which will be incorporated during production. M1151's, M1152's and M1165's are required to support the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY07 Baseline: \$596,627 Qty 3,268 FY08 GWOT: \$1,321,630 Qty 6,690 FY08 Total: \$1,918,257 Qty 9,958

Exhibit P-5, Weapon OPA1 Cost Analysis		oriation/Budget A r Procurement, A					menclature: -PURP WHLD V	EH (HMMWV) (I	D15400)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 Base Appropriation													
Vehicles													
M1151A1 (Armored) (Base)								189258	1241	153			
M1152A1 (Armored) (Base)								124390	1007	124			
M1165A1 (Armored) (Base)								146548	1020	144			
Subtotal								460196					
Overhead Cost													
Project Management Support								4813					
<b>Government Testing</b>													
Comparison Test								233					
Preproduction Qualification Test								323					
Variable Cost													
System Technical Support (STS)								9700					
Engineering Support - In-House								2535					
Fielding Support								14609					
Engineering Changes								6658					
Kits (Voice Radio, Singars, GPK)								97560					
Base Appropriation Subtotal								596627					
FY 2008 GWOT Request													
Vehicles													
M1151A1 (Armored) (GWOT)								861390	5630	153			
M1152A1 (Armored) (GWOT)								88040	710	124			
M1165A1 (Armored) (GWOT)								50400	350	144			
Subtotal								999830					
Variable Cost													
Fielding Support								14644					
Engineering Changes								14498					
Kits (Voice Radio, Singars, GPK)								292658					
GWOT Subtotal								1321630					
Total:								1918257					

Exhibit P-5a, Budget Procuremen	t History and	Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon	System Type:		Nomenclature: LTI-PURP WHLD VEH (HMI	MWV) (D15400	))					
WBS Cost Elements:	Contracto	or and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 Base Appropriation											
M1151A1 (Armored) (Base)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1241	153	Yes	N/A	N/A
M1152A1 (Armored) (Base)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1007	124	Yes	N/A	N/A
M1165A1 (Armored) (Base)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Oct 07	Apr 08	1020	144	Yes	N/A	N/A
FY 2008 GWOT Request											
M1151A1 (Armored) (GWOT)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Jul 08	Jan 09	5630	153	Yes	N/A	N/A
M1152A1 (Armored) (GWOT)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Jul 08	Jan 09	710	124	Yes	N/A	N/A
M1165A1 (Armored) (GWOT)											
FY 2008	AM General Mishawaka, IN		SS/Option	TACOM, Warren, MI	Jul 08	Jan 09	350	144	Yes	N/A	N/A

REMARKS:

		F	FY 08	/ 09 BU	JDGET	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN HI MOB				/EH (HI	MMWV	) (D1540	00)		Date		Februa	ry 2007				
	C	OST	ELEN	MENTS	8						Fiscal	Year 0	8	I								:	Fiscal Y	ear 09						
M		S E	PROC											Calenda	r Year (	)8	l l							Calen	dar Ye	ar 09				
F R	FY	R V	Units		AS OF	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
M1	151A1 (	Armore	ed) (Base	e)		1	<u> </u>		18	Б	K	K	1 1	11	L	G	1	1	•		11	В	K	K		11	L		•	
_	FY 08		124	<del></del>	1241	A						104	1 10	4 104	104	104	103	103	103	103	103	103	103							0
M1	152A1 (	Armore	ed) (Base	e)	1		I	1		<u> </u>			1		I.	l										1	1			
1	FY 08	A	100	7 (	1007	A						83	3 8	4 84	84	84	84	84	84	84	84	84	84							0
M1	165A1 (	Armore	ed) (Base	e)	·		1	1		L. L.			1	L	1	ı											1			
1	FY 08	A	1020	0 (	1020	A						85	5 8	5 85	85	85	85	85	85	85	85	85	85							0
M1	151A1 (	Armore	ed) (GW	OT)																										
1	FY 08	A	5630	0 (	5630										A						264	264	266	538	538	538	537	537	537	1611
M1	152A1 (	Armore	ed) (GW	OT)																										
1	FY 08	A	710	0 (	710										A						60	60	59	59	59	59	59	59	59	177
M1	165A1 (	Armore	d) (GW	OT)																										
1	FY 08	A	350	0 (	350										A						30	30	29	29	29	29	29	29	29	87
-																														
Tota	a1		9958	8	9958							272	273	273	273	273	272	272	272	272	626	626	626	626	626	626	625	625	625	1875
100	aı		773		7730	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S S	1075
						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	JCTION 1	RATES						A	DMIN I	EAD T	IME	]	MFR		TOTA	<b>A</b> L	REMA	RKS				1
F											Read	ched M	1FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Na	me - Locat	ion			MIN	1-8-5	MAX	D	+	1 In	itial			0		0		6		6							
1	AM G	eneral,	Mishawa	aka, IN				313	1175	1800			R	eorder			0		0		6		6							
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		F	Y 10	' 11 BU	DGET	r PR(	)DU(	CTIO	N SCI	HEDU	LE			P-1 ITE HI MOE				VEH (H	MMWV	) (D154	00)		Da	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS	3						Fiscal '	Year 1	0										Fiscal Y	Year 11						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 1	10								Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C	N O V	D E	J A	F E	M A	A P	N A	U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
MI	151 Δ 1 (	Armore	d) (Base)			T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
_	FY 08		1241	1241																							I			0
-			d) (Base)	L				1		l I				I	1					1			I	1	1		1	1		I .
	FY 08		1007	1007																										0
-			d) (Base)											1					1								1			I
1	FY 08	A	1020	1020	)																									0
M1	151A1 (	Armore	d) (GWC	T)																						•			•	
1	FY 08	A	5630	4019	1611	537	537	537																						0
M1	152A1 (	Armore	d) (GWC	T)																										
1	FY 08	A	710	533	177	59	59	59																						0
M1	165A1 (	Armore	d) (GWC	T)																										
1	FY 08	A	350	263	87	29	29	29																						0
$\vdash$																														
Tot	a1		9958	8083	1875	625	625	625																						
Tot	aı		9936	0003	16/3	O	023 N	D	J	F	M	A	N	[ J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
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M								PRODU	CTION	RATES						A	ADMIN I	EAD T	TIME		MFR		TOT	AL	REMA	RKS				
F											Reac	hed N	1FR			Pri	or 1 Oct	Afte	er 1 Oct	Af	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	ion		1	MIN	1-8-5	MAX	D-	+	1	Initial			0		0		6		6							
1	AM G	eneral, l	Mishawal	ka, IN				313	1175	1800			]	Reorder			0		0		6		6							
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														Reorder				1		1										

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ebruary 2007	
	. 137				D 4 T 1	•			ГС	bluary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Tacti		cles			P-1 Item No		UM TACTICAL V	EH (FMTV) (D15	500)		
Program Elements for Code B Items:		Code:	A	Other Related Pro		ts: 7 Medium Tactical	Vehicles				
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty		]		3181							3181
Gross Cost				1013.5							1013.5
Less PY Adv Proc		<u> </u>									
Plus CY Adv Proc		· · · · · · · · · · · · · · · · · · ·									
Net Proc P1		· · · · · · · · · · · · · · · · · · ·		1013.5							1013.5
Initial Spares		<u> </u>									
Total Proc Cost		· · · · · · · · · · · · · · · · · · ·		1013.5							1013.5
Flyaway U/C											
Weapon System Proc U/C				0.3	•						0.3

The Family of Medium Tactical Vehicles (FMTV) is a complete series of trucks and trailers, based on a common chassis, that vary by payload and mission. The Light Medium Tactical Vehicle (LMTV) has a 2-1/2-ton capacity consisting of cargo and van models. The Medium Tactical Vehicle (MTV) has a 5-ton capacity, consisting of cargo, tractor, van, wrecker, tanker, and dump truck models. The MTV utilizes the Load Handling System (LHS), and has a higher capacity dump. Sub-variants provide Air Drop capability for contingency and rapid deployment operations. Commonality between variants significantly reduces operation and maintenance costs. FMTV performs over 55% of the Army's local and line haul, and unit resupply missions in combat support, and combat service support units. Extended applications of the FMTV include support to other Army requirements such as Towed Artillery Digitization (TAD), Theater High Altitude Area Defense (THAAD), Patriot Recapitalization, High Mobility Artillery Rocket System (HIMARS), Medium Extended Air Defense System (MEADS), Non Line of Sight Launching System (NLOS-LS), Joint Network Node (JNN), Laundry Advanced System (LADS), Containerized Kitchen, Integrated Family of Test Equipment (IFTE), Calibration Sets (CALSETS) and the Unit Water Pod System (CAMEL). FMTV trailers (LMTV & MTV) have the same payload as the LMTV/MTV trucks. The quantities shown above reflect trucks only.

#### Justification:

FY2008 GWOT dollars are for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

FY08 Base - \$828.4M Quantity 2,862 Trucks and 1,563 Trailers FY08 GWOT - \$185.1M Quantity 319 Trucks and 2,951 Trailers FY08 Total - \$1,013.5M Quantity 3,181 Trucks and 4,514 Trailers

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri my / 1 / Ta	al No: actical and suppor			omenclature: EDIUM TACTICA	AL VEH (FMTV)	(D15500)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	"		FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
1. Base Appropriation													
LMTV Trucks	Α							249044	1524	163			
MTV Trucks								249743	1338	187			
MTV Trailer								32150	1271	25			
LMTV Trailer								10613	292	36			
Other Hardware (incl Armor B-Kits)								203303					
Non Hardware								83550					
Subtotal Base Appropriation								828403					
2. GWOT Appropriation													
LMTV Trucks								29196	180	162			
MTV Trucks								25238	139	182			
MTV Trailer								4123	163	25			
LMTV Trailer								101333	2788	36			
Other Hardware (incl Armor B-Kits)								24897					
Non Hardware								323					
Subtotal GWOT Appropriation								185110					
Total:								1013513					

Exhibit P-5a, Budget Procurement	History and Planning							Oate: Sebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: MEDIUM TACTICAL VEH (	FMTV) (D1550	0)		•			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Base Appropriation										
FY 2008	Stewart & Stevenson Sealy, TX	SS/Option	TACOM, Warren, MI	Oct 07	Jul 08	2146	177	No	Mar 07	Mar 0
FY 2008	TBS TBD	CREQ-3(1)	TACOM, Warren, MI	Jun 08	Jul 09	716	166	No	Oct 07	Oct 07
2. GWOT Appropriation									ļ	
FY 2008	TBS TBD	CREQ-3(2)	TACOM, Warren, MI	Jul 08	Jul 09	319	171	Yes	N/A	N/A

REMARKS: FY 2008 SS/Option. Reflects options to a new, sole source contract to be awarded in 2007. Unit cost above includes the LTAS A-Kit.

FY 2008 C-REQ. Reflects a competitive requirements contract. Unit cost above includes vehicle configuration changes that were ECPs on the prior contract and the LTAS A-Kit.

Each unit cost above is a weighted average reflecting the model mix for that particular group of vehicles.

		F	Y 07 /	'08 BU	DGET	r PR(	ODUC	CTIO	N SCI	HEDU	JLE				M NOME Y OF ME			AL VEI	H (FMT)	V) (D15:	500)		Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 07											Fiscal Y	Year 08	1					
			ppoc	A CCEP	DAI				т—					<u> </u>	***															
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	17								Calei	ndar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Ва	se Appro	priation	ĺ		•		•						•											•	•					
	FY 08	A	2146	0	2146													A									10	10	10	2116
2	FY 08	A	716	0	716																					A				716
_	VOT Ap		ion			•										•														
2	FY 08	A	319	0	319																						A			319
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		I	FY 09 /	10 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN FAMILY				AL VEI	H (FMT)	V) (D15	500)		Dat	e:	Februar	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal `	Year 09	ı.										Fiscal Y	ear 10						
Μ	[	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	9								Caler	dar Yea	ar 10				
F		R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
B	ase Appr	opriation	1					C	- 11	ь	K	K		- 11	ь	0	1	•	, ,	C	.,	ь	K	K				G		
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	FY 08	_	716	0	716										41	41	40	78	78	78	72	72	72	72	72					0
_	WOT Ap		ion		Į.	Į		Į	l					I.					l l		l l									1
2	FY 08	A	319	0	319										22	22	23	28	28	28	28	28	28	28	28	28				0
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T	otal		3181	30	3151	341	225	225	225	225	225	225	225	200	63	63	63	106	106	106	100	100	100	100	100	28				
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N	1						]	PRODU	CTION	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA					
I	7										Reac	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct	P-21 sh	ows Tru Truck O	icks only	y: iler QTY	's	
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]	Stewa	ırt & Ste	venson, S	ealy, TX				150	350	840	12	2	Red	order			0		1		11		12							
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Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		shansaan 2007	
Appropriation / Budget Activity / Seri	al No:				P-1 Item No	omenclature			rt	ebruary 2007	
Other Procurement, Army / 1 / Taction		cles					SSOCIATED FIRE	EFIGHTING EQUI	PMENT (D15800	))	
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				65							65
Gross Cost				45.0							45.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				45.0							45.0
Initial Spares											
Total Proc Cost				45.0							45.0
Flyaway U/C											
Weapon System Proc U/C											

This line is a roll-up of various Firetrucks. These vehicles are used for fighting fires, and as a safety precaution at airfields and ammunition storage areas. In addition, these vehicles respond to forest fires, train and automobile accidents, and hazardous material incidents. These vehicles are essential to all military installations and to many local communities for the preservation of life and property.

#### Justification:

FY 2008 requirement includes \$9.0 million GWOT to procure 10 additional Tactical Fire Fighting Trucks (TFFT) for the National Guard and Army Reserve Tactical Fire Fighting Teams. The new TFFT replaces old non-tactical firetrucks, which do not meet tactical firefighting standards. The tactical firefighting mission requires trucks to have a significant off-road capability, which is obtained on the TFFT through the use of the combat-proven HEMTT chassis. The fire trucks currently fielded are unreliable, overage, and do not meet the National Fire Protection Agency Standards.

FY 2008 Base Appropriation \$36.011 million FY 2008 GWOT \$9.000 million FY 2008 Total \$45.011 million

Note: FY 2008 GWOT is for Tactical Firefighting Trucks only and does not include HEMTT Based Water Tenders (HEWATT) (D15805) or Non-Tactical Firefighting Trucks (D15801), although baseline appropriation includes both non-tactical firetrucks and the HEWATT.

Starting in FY 2008 the HEWATT program funding comes under BLIN 6 versus BLIN 152.

Exhibit P-5, Weapon OPA1 Cost Analysis		priation/Budget A Procurement, An			t vehicles FIRE			FIREFIGHTING		Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	•		FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Firetruck, Non-Tactical (D15801)													
FY 2008 Base Appropriation								6916	15	461			
2. Truck, Firefighting, Tactical (D15802													
FY 2008 Base Appropriation								15979	17	940			
FY 2008 GWOT								9000	10	900			
3. HEMTT Based Water Tender (D15805)													
FY 2008 Base Appropriation								13116	23	570			
Total:								45011					

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Taction		cles			P-1 Item No	omenclature RUCK, FIREFIGH	TING, TACTICA	L (D15802)	10	cordary 2007	
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 200	07 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				27							27
Gross Cost				25.0							25.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				25.0							25.0
Initial Spares											
Total Proc Cost				25.0							25.0
Flyaway U/C											
Weapon System Proc U/C											

The multi-purpose Tactical Fire Fighting Truck (TFFT) is issued to Army tactical engineer units and is primarily used to fight aircraft and brush fires and at ammunition storage areas in theater. The new TFFT will be a dramatic improvement over existing firetrucks by having a six-man cab in order to carry an entire fire fighting team, with a minimum 1,000-gallon capacity and all-wheel drive, which is essential for cross-country mobility. The TFFT is part of the Tactical Fire-Fighting Team concept, which consists of the TFFT, two 1,750-gallon Water Distribution Modules, one Heavy Expanded Mobility Tactical Truck (HEMTT)-Load Handling System (LHS), and one Palletized Load System (PLS) trailer.

#### **Justification:**

FY 2008 requirement includes \$9.0 million for GWOT to procure an additional 10 units for the National Guard and Army Reserve Tactical Fire Fighting Teams. The new TFFT replaces old, non-tactical fire trucks, which do not meet tactical fire fighting standards. The tactical firefighting mission requires trucks to have a significant off-road capability, which is obtained on the TFFT through the use of the combat-proven HEMTT chassis. The fire trucks currently fielded are unreliable, overage, and do not meet the National Fire Protection Agency Standards.

FY08 Baseline \$15.979 million FY08 GWOT \$9.000 million

FY08 Total \$24.979 million Quantity 27

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri rmy / 1 / Ta	al No: actical and suppor	t vehicles P-1 Li		menclature: GHTING, TACT	ICAL (D15802)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 Base Appropriation													
VEHICLE													
Tactical Firefighting Truck with FRET								12410	17	730			
H/W SUBTOTAL								12410					
Engineering Change Proposals								388					
Government Testing								350					
System Fielding Support								631					
Quality Assurance Support								250					
PM Support								700					
Engineering Support								300					
Special Tools								250					
Technical Manuals								200					
Documentation								250					
New Equipment Training								250					
PROGRAM SUPPORT SUBTOTAL								3569					
Total FY 2008 Base Appropriation								15979					
FY 2008 GWOT Request													
Tactical Firefighting Truck with FRET								7300	10	730			
H/W SUBTOTAL								7300					
Engineering Change Proposals								325					
Government Testing								325					
Documentation								300					
Special Tools								300					
System Fieldings								450					
PROGRAM SUPPORT SUBTOTAL								1700					
Total FY 2008 GWOT								9000					
Total:								24979					

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007			
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Other Procurement, Army/ 1/ Tactical and support vehicles TRUCK, FIREFIGHTING, TACTICAL (D15802)											
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFF Issue Date		
VEHICLE												
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ 2	TACOM, Warren, MI	Dec 07	Sep 08	17	730	YES	N/A	N/A		
FY 2008	Pierce Manufacturing Inc. Appleton, WI	SS/REQ 2	TACOM, Warren, MI	Jun 08	Mar 09	10	730	YES	N/A	N/A		

		F	FY 07 /	08 BU	DGE	Γ PR(	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN TRUCK,				TICAL (	D15802)	)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal `	Year 07	'										Fiscal Y	ear 08						
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	7	I							Cale	ndar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Ta	ctical Fir	efightin	ng Truck v	vith FRET	,				1				l																	<u>l</u>
	FY 08	AR	17		1															A									2	15
1	FY 08	NG	10	0	10																					A				10
То	tal		27		27																								2	25
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
													!																	
M							]	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	AL	REMA	RKS				•
F											Reac	hed M	FR			Prio	or 1 Oct	Afte	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
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		F	Y 09 /	10 BU	DGE'	T PRO	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITEN TRUCK,				ΓICAL (	D15802)	)			Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 09											Fiscal Y	Year 10	1					
	1	C	ppoc	A CCEP	DAY				I						***						I					40				
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	9								Cale	ndar Ye	ar 10				
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Ta	ctical Fire	efightin	g Truck v	vith FRET	,																									
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						T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	ļ
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	1	Initial Reorder											+							1										

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ebruary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Taction		cles				omenclature AMILY OF HEAV	Y TACTICAL VE	EHICLES (FHTV)	(DA0500)		
Program Elements for Code B Items:		Code:	A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty											
Gross Cost				1619.5							1619.5
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				1619.5							1619.5
Initial Spares											
Total Proc Cost				1619.5							1619.5
Flyaway U/C											
Weapon System Proc U/C											

The Family of Heavy Tactical Vehicles (FHTV) is used in line haul, local haul, unit resupply, and other missions throughout the tactical environment to support modern and highly mobile combat units. Systems include the Palletized Load System (PLS) and its companion trailers, flat racks (Container Roll-in/Out Platform (CROP)), Container Handling Units (CHU), and the Movement Tracking System (MTS), as well as the Heavy Expanded Mobility Tactical Truck (HEMTT). The FHTV line also includes the Forward Repair System (FRS), which is a mobile maintenance platform that mounts on a PLS or HEMTT and the Heavy Equipment Transporter System (HETS) which consists of the M1070 Truck Tractor and the M1000 Semi-trailer whose primary mission is to transport main battle tanks and other heavy equipment.

#### Justification:

FY2008 GWOT dollars are for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities. \$601.010 million will procure an additional HEMTT Tankers qty 91, 151 Wreckers, and 1795 Load Handling System (LHS). \$502.445 million for PLS systems, will procure an additional PLS Truck qty 610, 3230 PLS Trailers, 1620 CROPs, 230 CHUs to support Army readiness requirements and Engineering Mission Module (EMM) fieldings, SBCT activations, National Guard, Army Reserve, and Army Preposition Stock requirements, and qty 2498 Movement Tracking System (MTS) to support the SBCT and modular force structure. \$33.000 million for Forward Repair Systems will procure an additional qty 100.

FY 2008 Base: \$ 483.023 million FY 2008 GWOT: \$1136.455 million FY 2008 Total: \$1619.478 million

Exhibit P-5, Weapon OPA1 Cost Analysis		oriation/Budget A Procurement, An				LY OF HE	omenclature: AVY TACTICAL	L VEHICLES (FH	TV)	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Family of Heavy Tactical Vehicles													
FHTV (DA0500)													
HEMTT, ALL BODY TYPES (D16204)													
Base Appropriation								157161	495	317			
08 GWOT								601010	2037	295			
Forward Repair System (D16400)													
Base Appropriation	Α							93359	284	329			
08 GWOT								33000	100	330			
PALLETIZED LOAD SYSTEM (D16500)													
Qty reflect truck only													
Dollars reflect truck, trailer, CROP,													
CHU and MTS													
Base Appropriation								232503	125	1860			
08 GWOT								502445	610	824			
Total:								1619478					

Exhibit P-40, Budget Item	Justificatio	on S	heet								Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles					P-1 Item No		0 TON, 8X8 (D16:	201)				
Program Elements for Code B Items:			Code:		Other Related	l Pro	gram Element	S:						
	Prior Years	FY	2006	FY 200	7 FY 200	8	FY 2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty					2	532								2532
Gross Cost					7:	58.2								758.2
Less PY Adv Proc														
Plus CY Adv Proc														
Net Proc P1					7:	58.2								758.2
Initial Spares														
Total Proc Cost					7.	58.2								758.2
Flyaway U/C														
Weapon System Proc U/C			•			0.3								0.3

The Heavy Expanded Mobility Tactical Truck (HEMTT) is a 10-ton, 8-wheel drive truck in all body styles, including two cargo configurations, a wrecker, a tanker, load handling system (LHS) and a tractor. The HEMTT transports ammunition, petroleum oils and lubricants and is used as the prime mover for certain missile systems. The HEMTT is a C130-transportable and supports the Army's modularity objectives. The M1120A2 Load Handling System (LHS) is an essential Combat Service Support enabler in both the Stryker Brigade Combat Team (SBCT) and the Modular Brigade Combat Teams (BCT) for modular delivery of fuel, ammunition and other classes of supply in forward areas. The M977A2 series of vehicles are used for resupply of field artillery ammunition and forward area rearm in armor, cavalry, and infantry units. The M985A2 Cargo has a heavier suspension than the M977A2 and is used for direct rearming of the Multiple Launch Rocket System (MLRS) and transport of patriot erector/launchers. The M984A2 Wrecker is the recovery vehicle for other wheeled support and combat vehicle systems and is the only recovery vehicle in the SBCT. The M978A2 Tanker is a 2500-Gallon Fuel Transporter and is an essential Combat Service Support enabler in the SBCT and BCT. The M983A2 Light Equipment Transporter (LET) has a Fifth Wheel Vertical Loading capacity of 20 Tons and a Gross Vehicle Combined Weight (GVCW) of 62.5 Tons and is used for enhanced mobility of forward deployed engineering units.

#### Justification:

FY2008 GWOT Request includes \$601.010 million to procure an additional 91 Tankers, 151 Wreckers, and 1795 Load Handling Systems (LHS). Funding will benefit Army Reserve (COMPO 3) units and Army National Guard (COMPO 2) units. This will positively impact Active Army OIF/OEF requirements and attain/maintain a high level of readiness and operational capability in transloading palletized loads, and fulfilling the requirement of transporting multiple configurations of cargo utilizing a variety of flat-racks in the battlefield.

FY 2008 Base: \$157.161 million qty 495 FY 2008 GWOT: \$601.010 million qty 2037 FY 2008 Total: \$758.171 million qty total: 2532

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri my / 1 / Ta	al No: ctical and suppor	t vehicles P-1 Li		menclature: O, 10 TON, 8X8 (	(D16201)		Weapon Syster	n Type:	Date:	February 200
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Hardware - HEMTT All Body Types													
Γanker M978A2 W/O								28691	101	284			
Γanker M978A2 W/W								4111	14	294			
Wrecker M984A2								3807	10	381			
LHS Cargo M1120A2								86530	370	234			
Subtotal								123139					
Federal Retail Excise Tax								14789					
Engineering Changes								3697					
Government Testing								700					
Documentation								350					
Engineering Support - Government								1125					
Quality Assurance Spt - Government								366					
Special Tools								250					
System Fielding Support								6198					
Project Management Support								6547					
<b>Subtotal Support Costs</b>								34022					
<b>Total FY2008 Base Appropriation</b>								157161					
Hardware - HEMTT All Body Types													
Tanker M978A2 W/O								22726	80	284			
Tanker M978A2 W/W								3230	11	294			
Wrecker M984A2								57491	151	381			
LHS Cargo M1120A2								420284	1795	234			
Subtotal								503731					
Federal Retail Excise Tax								60448					
Engineering Changes								8556					
Documentation								450					
Special Tools								520					
System Fielding Support								27305					
<b>Subtotal Support Costs</b>								97279					
Total FY2008 GWOT								601010					

E	xhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar			r vehicles P-1 Lir		omenclature: O, 10 TON, 8X8 (	D16201)		Weapon System	n Type:	Date:	February 2007
	OPA1	ID		FY 06			FY 07			FY 08			FY 09	
	<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
			\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
	Total:								758171					
	·													

Exhibit P-5a, Budget Procuren	nent History and Planning						_	ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehice	Weapon System Type:	P-1 Line Item TRUCK, CAF	Nomenclature: RGO, 10 TON, 8X8 (D16201)							
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Tanker M978A2 W/O										
FY 2008 PB	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	101	284	Y	N/A	N/A
FY 2008 Suppl	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	80	284	Y	N/A	N/A
Tanker M978A2 W/W										
FY 2008 PB	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	14	294	Y	N/A	N/A
FY 2008 GWOT	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	11	294	Y	N/A	N/A
Wrecker M984A2										
FY 2008 PB	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	10	381	Y	N/A	N/A
FY 2008 GWOT	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	151	381	Y	N/A	N/A
LHS Cargo M1120A2										
FY 2008 PB	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	370	234	Y	N/A	N/A
FY 2008 GWOT	Oshkosh Truck Corp Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	1795	234	Y	N/A	N/A

	]	FY 07 /	08 BU	DGET	ΓPRO	DUC	CTIO	N SCI	HEDU	LE				M NOMI , CARGO			(D1620	1)				Dat	te:	Februa	ry 2007				
•	COST	ELEN	IENTS	}						Fiscal Y	Zear 0	)7	•									Fiscal Y	Year 08	1					
M	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (	7	l							Cale	ndar Ye	ar 08				
F FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	N A	A U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tanker M	978A2 V	V/O		1																			ı	1				ı	
1 FY 08 PB	3 A	101	0	101																A								9	92
1 FY 08	A	80	0	80																						A			80
Tanker M	978A2 V	V/W											,																•
1 FY 08 PB	A A																			A								2	12
1 FY 08	A	11	0																A			11							
Wrecker	M984A2																												
1 FY 08 PB	A A	10	0	10																A								1	9
1 FY 08	A	151	0	151																						A			151
LHS Car	go M112	0A2																											
1 FY 08 PB	A A	370	0	370																A								31	339
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	N A		J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
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DA0500 (D16201) TRUCK, CARGO, 10 TON, 8X8 Item No. 7 Page 7 of 23 42 Exhibit P-21 Production Schedule

		F	Y 07	08 BU	DGE	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITE				(D1620	1)				Da	te:	Februa	ary 2007				
	C	OST	ELEN	1ENTS	3						Fiscal `	Year 07	'										Fiscal Y	Year 08	3					
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year (	)7								Cale	ndar Ye	ar 08				-
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1	FY 08	A	1795	0	1795		<del>  '</del>		- 1	В	- 1	K		- 11	L	0	•	-	•		-11	ь	K	I.	<u> </u>	- 11	A	0	1	1795
-	1100																													
To	tal		2532		2532																								43	2489
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	]	FY 09 /	10 BU	DGET	r PRC	DUC	CTIO	N SCI	HEDU	LE			P-1 ITEM TRUCK,				(D1620	1)				Dat	te:	Februa	ry 2007				
(	COST	ELEN	IENTS	}						Fiscal Y	ear 09											Fiscal Y	Year 10	ı					
М	S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calendar	Year 0	9								Cale	ndar Ye	ar 10				1
F FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Tanker M	978A2 V	V/O											1	ı															· L
1 FY 08 PB	A	101	9	92	9	9	9	9	8	8	8		8 8	8	8														0
1 FY 08	A	80	0	80						7	7		7 7	7	7	7	7	6	6	6	6								0
Tanker M	978A2 V	V/W																	u										
1 FY 08 PB	A	14	2	12	2	1	1	1	1	1	1		1 1	1	1														0
1 FY 08	A	11	0	11						1	1		1 1	1	1	1	1	1	1	1									0
Wrecker	M984A2	•								•										•			•						•
1 FY 08 PB	A	10	1	9	1	1	1	1	1	1	1		1 1																0
1 FY 08	A	151	0	151						13	13	1	3 13	13	13	13	12	12	12	12	12								0
LHS Carg	o M112	0A2								•										•			•						•
1 FY 08 PB	A	370	31	339	31	31	31	31	31	31	31	3	31	30	30														0
					O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
										,																			
M						<u> </u>	PRODU	CTION	RATES							DMIN I			4	MFR		TOTA		REMA	RKS				
F							m				ned MF				Prio	or 1 Oct		r 1 Oct	Aft	er 1 Oct		After 1							
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DA0500 (D16201) TRUCK, CARGO, 10 TON, 8X8 Item No. 7 Page 9 of 23 44 Exhibit P-21 Production Schedule

		F	TY 09 /	10 BU	DGET	r PR(	ODU	СТІО	N SCI	HEDU	JLE			P-1 ITEM TRUCK,				(D1620	1)				Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	Year 09											Fiscal Y	Year 10	)					
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calendaı	r Year 0	9								Cale	ndar Ye	ar 10				-
F R		R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1	FY 08	A	1795	0	1795						150	150	150	150	150	150	150	149	149		149	149								0
т.	· -1		2532	43	2489	43	42	42	42	41	212	212	212	212	210	210	171	169	168	168	168	167								
10	tal		2552	43	2489	0			42 J	41 F				J	J						J	F	М	Α.	М	J	J	Α	c	
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M								PRODU	JCTION	RATES							DMIN I			4	MFR		TOTA		REMA	RKS				
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Exhibit P-40, Budget Item	Justificatio	n S	heet						Γ	Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature ORWARD REPAII	R SYSTEM (FRS)	(D16400)				
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY	Y 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty					384								384
Gross Cost					126.4								126.4
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					126.4								126.4
Initial Spares													
Total Proc Cost					126.4								126.4
Flyaway U/C													
Weapon System Proc U/C													

The Forward Repair System (FRS) is a high-mobility, forward maintenance system that reduces Repair Cycle Time. The FRS places tools, diagnostic test equipment, and heavy lift capability in one package to provide key maintenance support in the forward battle area through the brigade support battalion, field support company or maintenance field company. The FRS is configured with a 5.5 ton lift capacity with a 14 ft. (communications) radius crane capable of removing and replacing major components, including full up powerpacks (FUPPS) on all models of military vehicles. The crane traverses, extends, and has the necessary reach and hook height to remove/replace a powerpack from a combat vehicle. An integrated 35 KW generator is the source of electrical power for onboard systems and provides hydraulic power to the crane. Additionally, the FRS has its own air source for air tools and inflatable lifting devices. It has limited spot welding and cutting capabilities, a tailored set of industrial quantity hand and power tools, and its own on-board power source. The power source has the capability of providing power sufficient to operate the crane, welding equipment, power tools, and the on-board electrical system. The FRS provides storage space for the Soldiers' Portable On-System Repair Tool (SPORT), General Mechanics Tool Kits (GMTKs), Battle Damage Assessment and Repair (BDAR) kits, combat spares, and other supporting equipment. The FRS will free the M88 recovery vehicle from its present captive role as a repair vehicle, which means increased availability of M88 recovery vehicles for recovery missions. The FRS meets the maneuver commander's need for a repair system that is responsive, effective, and reduces the number of systems requiring evacuation.

### **Justification:**

Justification:

FY08 Baseline \$93.359 Million FY08 GWOT \$33.000 Million

Total \$126.359 Million QTY 384

FY 2008 GWOT procures 100 FRS. To efficiently execute the Global War on Terror GWOT, the U.S. Army directed that early deployers leave assigned equipment for use by follow on units deploying for OIF/OEF including mobilized Reserve Component Units (RC). Army recognizes the importance of replacement of ARNG/USAR equipment via new procurement in order that those components maintain their required high state of readiness. The FRS uniquely fills the existing need for a forward, mobile maintenance/repair system, capable of returning disabled heavy force systems back to operational conditions. FRS, with the Palletized Load System (PLS) level of mobility, allows the forces to reach most disabled system locations to replace parts forward, thus minimizing any additional maintenance vehicle/personnel support.

Exhibit P-40, Budget Item Justific	cation Sheet			Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and supp	ort vehicles		P-1 Item Nomenclature FORWARD REPAIR SYSTEM (FR	RS) (D16400)
Program Elements for Code B Items:	Code:	Other Related Pro	gram Elements:	
FY2008 GWOT dollars are requested to prosect quantity, cost element, and pricing data is not av	nte the Global War on Terro vailable at this time and wil	or by resetting items, re I be adjusted by availal	placing battle losses, generating and pro le FY2008 base dollars, mix of forces, a	stecting forces, and enhancing military capabilities. Specific and production and requirements adjustments.

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	priation/Budget A r Procurement, A	ctivity/Ser my / 1 / Ta	ial No: actical and suppor	t vehicles P-1 Li		omenclature: PAIR SYSTEM (F	FRS) (D16400)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Forward Repair System	A							88608	284	312			
2. ECPs								75					
3. System Fielding Support								994					
4. Authorized Stockage Level								227					
5. Documentation								346					
6. Engineering Support								191					
7. Quality Assurance Support								180					
8. Program Management Support								1687					
9. Transportation								1051					
Base SubTotal								93359					
Forward Repair System								31200	100	312			
2. ECPs								50					
3. System Fielding Support								320					
4. Authorized Stockage Level								80					
5. Documentation								200					
6. Program Management Support								800					
7. Transportation								350					
GWOT SubTotal								33000					
Total:								126359					

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: REPAIR SYSTEM (FRS) (D16	5400)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
1. Forward Repair System										
FY 2008 Base	Rock Island Arsenal Rock Island, IL	SS/FFP	TACOM, Rock Island	Dec 07	Jul 08	284	312	yes		
FY 2008 GWOT	Rock Island Arsenal Rock Island, IL	SS/FFP	TACOM, Rock Island	Jun 08	Apr 09	100	312	Yes		

		F	FY 08 /	'09 BU	DGE'	ΓPRO	ODU	CTIO	N SCI	HEDU	LE			P-1 ITEN FORWA				FRS) (I	016400)				Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal `	Year 0	8	<u>'</u>									Fiscal Y	Year 09	)					
		l _	T	l	1				1												ı									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Cale	ndar Ye	ar 09				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	N	A U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
1. F	orward	Repair	System						•					•										•						
1	FY 08 GWOT	A	100	0	100									A										16	30	30	24			0
1	FY 08	A	284	0	284			A							30	30	30	30	30	30	30	30	30	14						0
.	3						-																							
-																														
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.							-																							
Tota	1		384		384										30	30	30	30	30	30	30	30	30	30	30	30	24			
						0	N	D	J	F	M	A	N		J	A	S	0	N	D	J	F	M	A	М	J	J	A	S	
						C T	O V	E C	A N	E B	A R	P R	3	A U Y N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	ICTION	RATES							DMIN I	_		_	MFR		TOTA		REMA	RKS tion Rat	oc oro m	onthly	Nagatia	tina
F												hed N	-			Prio	or 1 Oct	-	r 1 Oct	Af	ter 1 Oct		After 1		increas	e to "Ma	es are in ax Rate"	with cu	rent pro	ducer.
R	D 17			ne - Locati			- 1	MIN	1-8-5	MAX			ŀ	Initial			3		3		7		10		_					
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Exhibit P-40, Budget Item	Justificatio	on Sl	heet						D	Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature RUCK, PALLETIZ	ED LOAD SYSTI	EM (PLS), 10	X10 (D1	16500)		
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY	7 2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 201	12	FY 2013	To Complete	Total Prog
Proc Qty					735								735
Gross Cost					734.9								734.9
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					734.9								734.9
Initial Spares													
Total Proc Cost					734.9								734.9
Flyaway U/C													_
Weapon System Proc U/C													

The Palletized Load System (PLS) consists of a 16.5-ton payload prime mover (10x10) with an integral load-handling system, which provides self-loading and unloading capability, a 16.5- ton payload trailer, and demountable cargo beds, or flatracks. The Container Handling Unit (CHU) is being fielded to transportation and ammunition units and to forward support battalions, providing the capability to pick up and transport 20-foot International Standards Organization (ISO) containers without the use of a flatrack. The Movement Tracking System (MTS) program provides a multitude of tactical wheeled vehicles (PLS, Heavy Expanded Mobility Tactical Truck, Family of Medium Tactical Vehicles, etc.) with Global Positioning System (GPS) capability and two-way digital messaging. The PLS Truck performs line haul, local haul, unit resupply and other missions in the tactical environment to support modern and highly mobile combat units and is equipped with a Central Tire Inflation System (CTIS) which significantly improves off-road mobility. Current flatrack funding buys the Container Roll-in/out Platform (CROP), an A-frame type flatrack, which fits inside a 20-foot ISO inter-modal container. The PLS Trailer, CROP, CHU, and MTS are key enablers for both the Stryker Brigade Combat Team (SBCT) and modular force structure.

### Justification:

FY 2008 GWOT Request includes \$502.445 million to procures an additional 610 PLS trucks, 3230 PLS Trailers, 1620 CROPs, and 230 CHUs to support Army readiness requirements and Engineering Mission Module (EMM) fieldings, SBCT activations, National Guard, Army Reserve, and Army Preposition Stock requirements. The Movement Tracking System (MTS) will procurement a qty 2498 mobile units to support the SBCT and modular force structure. The benefiting Army National Guard Units (COMPO 3) and Army National Guard (COMPO 2) units. This will positively impact Active Army OIF/OEF requirements and attain/maintain a high level of readiness and operational capability in transloading palletized loads, and fulfilling the requirement of transporting multifple configurations of cargo utilizizing a variety of flat-racks in the battlefield.

Above qty 735 reflect the PLS Truck Qty Only.

FY 2008 Base: \$232.503 million FY 2008 GWOT: \$502.445 million FY 2008 Total: \$734.948 million

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	oriation/Budget A Procurement, A	ctivity/Seri my / 1 / Ta	al No: actical and suppor		K, PALLE	menclature: TIZED LOAD S	YSTEM (PLS), 102	X10	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	•	•	FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
1. Hardware													
PLS Truck								43783	125	350			
PLS Trailer								85264	1580	54			
Cargo Bed, Demountable								7401	700	11			
PLS Container Handling Unit								7464	190	39			
Movement Tracking System								73204	2614	28			
Subtotal Hardware:								217116					
2. Engineering Changes								4317					
3. Government Testing								750					
4. Documentation								500					
5. Engineering Support - Government								1800					
6. Quality Assurance Spt - Government								1414					
7. Special Tools								500					
8. System Fielding Support								2366					
9. Project Management Support								3740					
<b>Subtotal Support Costs:</b>								15387					
Total FY2008 Base Appropriation:								232503					
1. Hardware													
PLS Truck								213660	610	350			
PLS Trailer								174305	3230	54			
Cargo Bed, Demountable								17128	1620	11			
PLS Container Handling Unit								9035	230	39			
Movement Tracking System								69945	2498	28			
Subtotal Hardware:								484073					
2. Engineering Changes								6212					
3. Documentation								500					
4. Special Tools								500					
5. System Fielding Support								11160					
Subtotal Support Costs:								18372					
Total FY2008 GWOT								502445				1	

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ad Procurement, Ar		al No: actical and support		K, PALLE	menclature: TIZED LOAD SY	YSTEM (PLS), 10	X10	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Total:								734948					

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item TRUCK, PAL	Nomenclature: LETIZED LOAD SYSTEM (	PLS), 10X10 (D	16500)					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
PLS Truck										
FY 2008 PB	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	125	350	Yes	N/A	N/A
FY 2008 GWOT	Oshkosh Truck Corp (PLS) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	610	350	Yes	N/A	N/A
PLS Trailer										
FY 2008 PB	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jan 08	Sep 08	1580	54	Yes	N/A	N/A
FY 2008 GWOT	Oshkosh Truck Corp (PLST) Oshkosh, WI	SS/FFP/Y2	TACOM, Warren, MI	Jul 08	Mar 09	3230	54	Yes	N/A	N/A
Cargo Bed, Demountable										
FY 2008 PB	Summa Technology Inc. Huntsville, AL	C/REQ/PY 2	TACOM, Warren, MI	Jan 08	Sep 08	700	11	Yes	N/A	N/A
FY 2008 GWOT	Summa Technology Inc. Huntsville, AL	C/REQ/PY 2	TACOM, Warren, MI	Jul 08	Mar 09	1620	11	Yes	N/A	N/A
PLS Container Handling Unit										
FY 2008 PB	TBS - CHU TBS	C/REQ/PY 2	TACOM, Warren, MI	Jan 08	Sep 08	190	39	Yes	N/A	N/A
FY 2008 GWOT	TBS - CHU TBS	C/REQ/PY 2	TACOM, Warren, MI	Jul 08	Mar 09	230	39	Yes	N/A	N/A
Movement Tracking System										1
FY 2008 PB	TBS - MTS TBS	C/REQ/PY 2	CECOM, Washington, DC	Feb 08	Sep 08	2614	28	Yes	N/A	N/A
FY 2008 GWOT	TBS - MTS TBS	C/REQ/PY 2	CECOM, Washington, DC	Jul 08	Mar 09	2498	28	Yes	N/A	N/A

•		FY 07	08 BU	DGE	r PRC	DUC	TIO	N SCI	HEDU:	LE				M NOME			VSTEM	A (PLS)	10 <b>X</b> 10 (	D16500	١	Dat	te:	Februs	ary 2007				
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PLS Tru	ok				T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	1
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PLS Tra	ler			·L	<u> </u>					I.			· ·									ı	ı						
3 FY O	8 A	1580	0	1580																A								132	1448
3 FY 0	8 A	3230	0	3230																						A			3230
Cargo B	ed, Der	nountable																											
2 FY C	8 A	700	0	700																A								59	641
2 FY 0	8 A	1620	0	1620																						A			1620
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5 FY C	8 A	190	0	190																A								16	174
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						I								TRUCK	, PALLE	TIZED	LOAD S	YSTEN	1 (PLS),	10X10	(D16500	)				ary 2007				1
	C	OST	ELEN	IENTS	5						Fiscal `	Year 07											Fiscal Y	Year 08	•					
М		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ar Year 0	07								Cale	ndar Ye	ar 08				-
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		F	FY 09 /	10 BU	DGET	r PR(	DDUC	CTIO	N SCI	HEDU	JLE			P-1 ITEM FRUCK,				YSTEM	1 (PLS)	10X10 (	D16500)		Dat	te:	Februs	ary 2007				
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i I	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
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1 FY	7 08	A	610	0	610						51	51	51	51	51	51	51	51	51	51	50	50								0
PLS T	railer	•		•			•				•	•			•		•						•							•
3 FY PE		A	1580	132	1448	132	132	132	132	132	132	132	131	131	131	131														0
3 FY	08	A	3230	0	3230						270	270	269	269	269	269	269	269	269	269	269	269								0
Cargo	Bed,	Demou	untable																											
2 FY PE		A	700	59	641	59	59	59	58	58	58	58	58	58	58	58														0
2 FY	7 08	A	1620	0	1620						135	135	135	135	135	135	135	135	135	135	135	135								0
PLS C	ontair	ner Han	ndling Uni	it																										
5 FY PE		A	190	16	174	16	16	16	16	16	16	16	16	16	15	15														0
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. +		CHU, T						1	15	40	1			order		+	0		3		8		11		1					
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												5	Init	ial		1	0		3		8		11							
													Rec	order			0		3		8		11		1					

		F	Y 09 /	/ 10 BU	DGET	Γ PR(	ODUC	TIOI	N SCI	HEDU	LE			P-1 ITEM TRUCK,				YSTEM	ſ (PLS),	10X10	(D16500	)	Dat	te:	Februa	ary 2007				
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			1		1				1												1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE			ļ						Calenda	r Year 0	9								Cale	ndar Ye	ar 10				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
5	FY 08	A	230	0	230						20	20	19	19	19	19	19	19	19	19	19	19								0
Mo	vement '	Tracking	g System						•						•												•		•	•
4	FY 08 PB	A	2614	218	2396	218	218	218	218	218	218	218	218	218	217	217														0
4	FY 08	A	2498	0	2498						209	209	208	208	208	208	208	208	208	208	208	208								0
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						C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	CTION	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL.	REMA	RKS				1
F											Reac	hed MI	FR				or 1 Oct		r 1 Oct	4	ter 1 Oct		After 1		Note: 0	Governm				
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1	Oshko	sh Trucl	k Corp (l	PLS), Osh	kosh, WI			1	484	616	12			order			0	-	3		8		11		integra	ited prodi	uction li	ne. Max	rate (61	6/month)
2	Summ	a Techn	ology Inc	c., Huntsv	ille, AL			5	160	360	12	. 2	. Init	ial			0		2		7		9			s contract ted to go				d shift
3	Oshko	sh Trucl	k Corp (F	PLST), Osl	hkosh, W	I		1	44	220	12		Red	order			0		3		8		11			_				
4	TBS -	MTS, T	BS					10	150	330	12	. 3	Init	ial			0		2		8		10		1					
5	TBS -	CHU, T	BS					1	15	40			Red	order			0		3	İ	8		11							
												4	Init	ial			0		3		5		8		1					
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												5	Init	ial			0		3		8		11							
							T			1			Red	order			0		3		8		11		1					

Exhibit P-40, Budget Item	Justificatio	on S	heet						D	ate: Fe	ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature RMORED SECUR	ITY VEHICLES (	ASV) (D0280	0)		
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 201	2 FY 2013	To Complete	Total Prog
Proc Qty					551							551
Gross Cost					457.0							457.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					457.0							457.0
Initial Spares												
Total Proc Cost					457.0							457.0
Flyaway U/C												
Weapon System Proc U/C					0.8							0.8

The Armored Security Vehicle (ASV) is an all-wheel drive armored vehicle that provides ballistic protection, overhead protection and protection against landmines. The ASV accepts the MK-19 Grenade Machine Gun, the M2.50 caliber machine gun and the M249 5.56 mm Squad Automatic Weapon (SAW) machine gun. The ASV is transportable by C-130 and larger aircraft, rail, and marine transport modes, and is capable of carrying a crew of four. The vehicle has a diesel engine, automatic transmission, central tire inflation system, and a payload of 3,360 lbs. Additional survivability enhancements include: gas particulate ventilated face pieces, a multi-salvo smoke grenade launcher, a crew/engine compartment fire suppression system, an intercom system with radio interface, seamless armor, and blackout capability.

#### Justification:

FY2008 GWOT includes \$301.898 million to procure 371 ASV. The ASV is used by the Military Police(MP) to perform missions of Area Security, maneuver and Mobility Support, Police Intelligence Operations, and Law and Order Operations across the entire operational continuum. ASV is also used by MPs to conduct Force Protection and Stabilization Operations in a war environment. Additionally, ASV is increasingly being used as a Convoy Protection Platform for Combat Support and Combat Services Support Units.

FY08 Base Appropriation: \$155.124 million FY08 GWOT Request: \$301.898 million FY08 Total: \$457.022 million

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri my / 1 / Ta	al No: actical and suppor			menclature: CURITY VEHICL	ES (ASV) (D0280	00)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY2008 GWOT													
Vehicle	Α							126341	180	702			
Engineering Changes								3790					
Non-Recurring Cost													
Testing - Govt								2000					
Documentation								321					
System Technical Support (STS)								1053					
Engineering Spt (In-House)								1629					
Kits (Includes Frag 1, Frag 2, VIC-3)								11794					
Fielding Support								5936					
Project Management Support								2260					
<b>Base Appropriation Subtotal</b>								155124					
FY2008 GWOT Request													
Hardware								260404	371	702			
Engineering Changes								7812					
Kits (Includes Frag 1, Frag 2, VIC-3)								24307					
Fielding Support								9375					
GWOT Subtotal								301898					
Total:								457022					

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: SECURITY VEHICLES (ASV)	(D02800)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Vehicle										
FY 2008 Base	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jan 08	Jan 09	180	702	Yes	N/A	N/A
FY 2008 GWOT	Textron Marine & Land Systems New Orleans, LA	SS/Option	TACOM, Warren, MI	Jun 08	Jun 09	371	702	Yes	N/A	N/A

		F	Y 08 /	/ <b>09 BU</b>	JDGE'	T PRO	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN	M NOME RED SEC			LES (AS	SV) (D02	2800)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	<b>IENTS</b>	5						Fiscal Y	Year 08	3	I									Fiscal Y	Year 09	)					
		C	DDOC	A CCED	BAL									G.1. 1.										<u> </u>	1 87					
M		S E	PROC QTY	ACCEP PRIOR	DUE									Calenda	r Year u	18								Calei	ndar Ye	ar 09				
F R	FY	R V	Units		AS OF 1 OCT		N O V	D E C	J A N	F E B	M A R	A P R	M A Y		J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Veh	icle	•			•																									
	FY 08 Base	A	180	0	180				A												36	36	36	36	36					0
1	FY 08	A	371	0	371		+							A												36	36	36	36	227
	GWOT		┼──	<b></b>			<del>                                     </del>	—	+	$\vdash$					<b> </b>											$\vdash$				
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Tota	.1		551	<u> </u>	551		-	<b>├</b>	+	<del>                                     </del>											36	36	36	36	36	36	36	36	36	227
1012	ш		331		331	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J0	A	S S	221
						C T	O V	E C	A N	E B	A R	P R	A Y	U	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	
M								PRODU	JCTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				ı
F											Reac	hed M	IFR			Pric	or 1 Oct	After	r 1 Oct	Aft	er 1 Oct		After 1	Oct						
R			Nan	ne - Locati	ion		1	MIN	1-8-5	MAX	D-	+	1 I	nitial			0		3		12		15							
1	Textro	n Marir	ne & Land	d Systems,	, New Or	leans, L	A	1	12	48			F	Reorder			0		3		12		15							
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	I										1	1	F	Reorder		1		1		1		1			1					

		F	FY 10 /	'11 BU	DGE	r PR(	ODUC	CTIO	N SCI	HEDU	LE			P-1 ITEN ARMOR				LES (AS	SV) (D02	2800)			Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal Y	ear 10		•									Fiscal Y	Year 11						
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year 1	10	I							Cale	ndar Ye	ar 11				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Vel	nicle	I				1			11	В	K	- K		11	ь	- G	1			C	11	В	K	K	1	- 11	L	O .	1	l
1	FY 08 Base	A	180	180																										0
1	FY 08 GWOT	A	371	144	227	36	36	36	36	36	36	11																		0
	0,,01																													
Tot	al	1	551	324	227	36	36	36	36	36	36	11																		
			•	•		O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
							•	•						•	•	•			•						•	•			•	
M							]	PRODU	CTION I	RATES						A	DMIN I	LEAD T	TME		MFR		TOTA	AL	REMA	RKS				
F											Reac	hed M	FR			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	- 1	l In	itial			0		3		12		15							
1	Textro	n Marii	ne & Land	l Systems,	New Orl	eans, LA	A	1	12	48			Re	eorder			0		3		12		15							
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Exhibit P-40, Budget Item	Justificatio	n She	eet						Date		ebruary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Taction		icles				P-1 Item No	omenclature ine Protection Veh	icle Family (D0290	01)			
Program Elements for Code B Items:		Co	ode:		Other Related Pro	ogram Element	ts:					
	Prior Years	FY 20	2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					323							323
Gross Cost					373.5							373.5
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					373.5							373.5
Initial Spares												
Total Proc Cost					373.5							373.5
Flyaway U/C												
Weapon System Proc U/C					1.2							1.2

The route clearance operation mission is accomplished with the Medium Mine Protected Vehicle (MMPV) system which complements the Vehicle Mounted Mine Detection System (VMMD) and the Buffalo Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

The (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures.

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armor vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over.

The Vehicle Mounted Mine Detector (VMMD) is a mine protected, vehicle mounted mine detection and proofing system which is capable of finding and marking metallic explosive hazards. VMMD consists of two mine detection vehicles and three detonation trailers. Early versions of the VMMD procured for Operational Needs Statement (ONS) consisted of a Meerkat and a Husky, while more recent procurements consist of two Husky vehicles. Both vehicles are a single occupant system designed for mine blast protection and rapid field reparability.

### Justification:

Justification:

FY 2008 Base Appropriation: \$199,100 (168ea) FY 2008 GWOT Request: \$174440 (155ea) FY 2008 Total: \$373,540 (323ea)

FY08 GWOT Procures 40 Mine Protected Clearance Vehicles (MPCV), 77 Medium Mine Protected Vehicles (MMPV) and 38 Vehicle Mounted Mine Detector (VMMD). These systems can be used to replace anticipated battle loss as well as be used to outfit Future Engineer Force (FEF) Clearance Companies.

Exhibit P-40, Budget Item Justification S	heet			Date: February 2007
Appropriation / Budget Activity / Serial No: Other Procurement, Army / 1 / Tactical and support vehicles			P-1 Item Nomenclature Mine Protection Vehicle Family (D02901)	·
Program Elements for Code B Items:	Code:	Other Related Prog	gram Elements:	
The Mine Protected Route Clearance vehicles provide our hazards, including improvised explosive devices (IEDs). T	forces with an effect hese systems locate	tive, reliable and affi and neutralize IEDs	ordable blast protected platform capable of interrog	gating and classifying suspected explosive o civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar			t vehicles P-1 Li		menclature: Vehicle Family (D	002901)		Weapon Syste	em Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	•		FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
HARDWARE													
RG-31 Mine Protected Vehicle													
Cougar EOD Vehicle													
SUBTOTAL HARDWARE													
PRODUCTION SUPPORT													
Production Engineering - RG-31													
Integrated Logistics Support - RG-31													
New Equipment Training - RG-31													
Program Management - RG-31													
Logistic Support - Cougar													
Program Management - Cougar													
SUBTOTAL PRODUCTION SUPPORT													
Total													
Total:													

Exhibit P-40, Budget Item	Justificatio	n Sl	heet						]	Date:	Fe	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature edium Mine Protec	eted Vehicle (MMI	PV) (D02902	2)			
Program Elements for Code B Items:			Code:		Other Related Pro	ogram Element	S:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 20	12	FY 2013	To Complete	Total Prog
Proc Qty					159								159
Gross Cost					125.5								125.5
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					125.5								125.5
Initial Spares													
Total Proc Cost					125.5								125.5
Flyaway U/C													
Weapon System Proc U/C					0.8								0.8

The Medium Mine Protected Vehicle (MMPV) is a blast protected, wheeled vehicle platform that will operate in explosive hazardous environments to support Future Engineer Force (FEF) Clearance Companies in route and area clearance operations, Explosive Hazards Teams in explosive hazards reconnaissance operations, and EOD companies in EOD support operations. The MMPV will also transport soldiers for security forces and support operations (e.g., medical), and provide a platform for command and control & electronic countermeasures. The MMPV system complements the Vehicle Mounted Mine Detection System (VMMD) and Mine Protected Clearance Vehicle (MPCV) to perform route clearance operations.

#### **Justification:**

FY 2008 Base Appropriation: \$66,000 (82ea) FY 2008 GWOT Request: \$59,530 (77ea) FY 2008 Total \$125,530 (159ea)

FY 2008 GWOT funding Procures 77 Medium Mine Protected Vehicles. This GWOT procurement can be used to replace anticipated battle loss vehicles as well as be used to outfit Future Engineer Force (FEF) Clearance Companies.

The Mine Protected Route Clearance Vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including improvised explosive devices (IEDs). These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar					menclature: otected Vehicle (N	MMPV) (D02902)		Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
Hardware (Base)								57400	82	700			
Hardware (GWOT)								53900	77	700			
<b>Total Hardware Costs</b>								111300					
Fielding/ASL/PLL/NET (Base)								6000					
Fielding/ASL/PLL/NET (GWOT)								5425					
FSR (Base)								350					
FSR (GWOT)								205					
Program Management (Base)								2250					
<b>Total Support Costs</b>								14230					
Total:								125530					

Exhibit P-5a, Budget Procurement	History and Planning							Oate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: Protected Vehicle (MMPV) (I	002902)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
Hardware (Base) FY 2008	TO BE SELECTED TACOM, WARREN, MI	C/FP 5(2)	TACOM, WARREN, MI	Jun 08	Oct 08	82	700	N	NA	JAN 0
Hardware (GWOT) FY 2008	TO BE SELECTED TACOM, WARREN, MI	C/FP 5(2)	TACOM, WARREN, MI	Jun 08	Oct 08	77	700	N	NA	JAN 0

REMARKS: REMARKS: MMPV contract is a 5 year fixed price contract that will be determined by competition. The first year of this contract (FY07) will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.

		F	Y 08 /	'09 BU	DGET	r PR(	ODUC	CTIO	N SCI	HEDU	JLE			P-1 ITE Medium				(MMPV)	) (D0290	02)			Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 08	3	- II									Fiscal Y	ear 09						
		S	PROC	ACCEP	BAL									Calenda	ır Year (	18								Caler	ıdar Ye	ar 09				
M		Е	QTY	PRIOR	DUE			1				1	1		1	1				1				1						
F R	FY	R V	Each	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Hai	rdware (l	Base)																												
1	FY 08	A	82	0	82									A				7	7	7	7	7	7	7	7	7	7	7	5	0
	rdware (	GWOT)	1			•						•				•				•				•						
1	FY 08	A	77	0	77									A				6	6	6	6	6	6	6	7	7	7	7	7	0
													1																	
Tot	al		159		159													13	13	13	13	13	13	13	14	14	14	14	12	
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	1																			1										
M							-	PRODU	ICTION	RATES		, , ,	TTD.				DMIN I				MFR		TOTA		REMA Produc	RKS tion Rate	es are M	onthly.		
F R			None	ne - Locati			١,	MIN	105	MAX		hed N	_	201.4		Pri	or 1 Oct	+	r 1 Oct	AII	er 1 Oct		After 1	Oct				,		
1	_	SELEC		ACOM, W		MI	'	5	1-8-5	30	3		-	nitial		-	9	-	4		0		4		_					
	TO BL	SELEC	C1ED, 12	ACOM, W	AKKEN,	, 1011		3	20	30	+	_	_	Reorder nitial			9		4		0		4							
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													-	Reorder		+									1					
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	1												-	Reorder											1					

Exhibit P-40, Budget Item	Justificatio	n Sl	heet						D	ate:	ebruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No		rance Vehicle (MP	CV) (D02903	)		
Program Elements for Code B Items:			Code:		Other Related Pro	ogram Element	S:					
	Prior Years	FY	2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 201	2 FY 2013	To Complete	Total Prog
Proc Qty					84							84
Gross Cost					89.0							89.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					89.0							89.0
Initial Spares												
Total Proc Cost					89.0							89.0
Flyaway U/C												
Weapon System Proc U/C					1.1							1.1

The Buffalo Mine Protected Clearance Vehicle (MPCV) is a six wheeled armored vehicle with a remote hydraulic boom arm for detecting and clearing mines and Improvised Explosive Devices (IEDs). The mine proof vehicle consists of a mine protected hull/body and provides a high degree of safety in respect to collision or vehicle roll over. The MPCV system compliments the Medium Mine Protected Vehicle (MMPV) and Vehicle Mounted Mine Detection System (VMMD) to perform route clearance operations.

#### **Justification:**

FY2008 Base Appropriation: \$48,000 (44ea) FY2008 GWOT Request: \$41,000 (40ea)

FY 2008 Total: \$89,000 (84ea)

FY2008 GWOT funding procures 40 Buffalo Mine Protected Clearance Vehicles (MPCVs). This GWOT procurement can be used to replace anticipated battle loss vehicles as well as be used to outfit Future Engineer Force (FEF) Clearance Companies.

The Buffalo MPCV has set the Army's standard for MPCV survivability in neutralizing the effects of landmines, direct fire, and IEDs. The Buffalo MPCV vehicles provide our forces with an effective, reliable and affordable blast protected platform capable of interrogating and classifying suspected explosive hazards, including IEDs. These systems locate and neutralize IEDs before they result in fatal or catastrophic injury to civilians and soldiers.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget A Procurement, Ar					menclature: Clearance Vehicle	(MPCV) (D02903	6)	Weapon System	m Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Hardware (Base)								41800	44	950			
Hardware (GWOT)								38000	40	950			
Total Hardware Costs								79800					
Fielding/ASL//PLL/NET (Base)								3500					
Fielding/ASL//PLL/NET (GWOT)								3000					
FSR (Base)								350					
FSR (GWOT)								350					
Program Management (Base)								2000					
Total Support Costs								9200					
Total:								89000					

Exhibit P-5a, Budget Procurement	History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: d Clearance Vehicle (MPCV) (	D02903)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
Hardware (Base) FY 2008	Force Protection Inc Ladson SC	SS/FP 1(1)	TACOM, WARREN, MI	Jun 08	Oct 08	44	950	Y	NA	NA
Hardware (GWOT) FY 2008	Force Protection Inc Ladson SC	SS/FP 1(1)	TACOM, WARREN, MI	Jun 08	Oct 08	40	950	Y	NA	NA

REMARKS: REMARKS: Buffalo contract is a sole source 1 year fixed priced contract with 4 option years. The first year of this contract (FY07) will be awarded with funds from R68102 Ground Standoff Mine Detection System (GSTAMIDS) funding line.
FY07 is the base contract year of award and FY08 is the first option year.

		F	Y 08 /	09 BU	DGE	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE				M NOME otected C			(MPCV	7) (D029	903)			Dat	e:	Februa	ry 2007				
	C	OST	ELEM	IENTS							Fiscal	Year 08											Fiscal Y	Zear 09						
		1	1	ı	1																1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	ır Year 0	8								Cale	ıdar Ye	ar 09				
F	FY	R	Each	ТО	AS OF	0	N	D	J	F	M	A	M	J	J	A	S	0	N	D	J	F	M	A	M	J	J	A	S	
R		V		1 OCT	1 OCT	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	C T	O V	E C	A N	E B	A R	P R	A Y	U N	U L	U G	E P	Later
	rdware (l	Base)		•																•								•		
	FY 08	A	44	0	44			<u></u>						A				3	3	3	3	4	4	4	4	4	4	4	4	0
	rdware (	GWOT)					ı		1	ı		1		1	1										ı	1				T
1	FY 08	A	40	0	40									A				1	1	1	4	4	4	4	4	4	4	4	4	1
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Tot	al		84		84													4	4	4	7	8	8	8	8	8	8	8	8	1
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	1						1		ı	ı		1		1						1					1	ı				
M								PRODU	ICTION	RATES							DMIN I			1	MFR		TOTA		REMA Produc	RKS tion rate	s are mo	nthly		
F										3.7.13		thed M	_			Pri	or 1 Oct	-	r 1 Oct	Aft	er 1 Oct		After 1		Todac	tion rute	o ure mo	many.		
R	+			ne - Locati	on			MIN	1-8-5	MAX			l Ini				0	+	9		4		13		_					
1	Force	rotecti	on Inc, La	adson SC				1	4	8	3	_	_	order			0		9		4		13		_					
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								-+						order																
								-						tial				-							_					
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								-+						order											1					
								$\rightarrow$					_	tial				+							1					
-								-					_	order				1							1					

Exhibit P-40, Budget Item	Justificatio	n Sheet	•					Date:		ebruary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Taction		cles			P-1 Item No	omenclature RUCK, TRACTOR	R, LINE HAUL, M	915/M916 (DA060	00)		
Program Elements for Code B Items:		Code	:: A	Other Related Pro	ogram Elemen	ts:					
	Prior Years	FY 200	5 FY 200	07 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				2317							2317
Gross Cost				359.9							359.9
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				359.9							359.9
Initial Spares											
Total Proc Cost				359.9							359.9
Flyaway U/C											
Weapon System Proc U/C		_			_						

This family of vehicles contains the Truck, Tractor Line Haul (M915A3) and the Truck, Tractor, Light Equipment Transporter (LET) (M916A3). These two tractors share common components, such as the cab, engine, and transmission. The M915A3 Line Haul Tractor tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker.

#### Justification:

FY2008 requirement includes \$276.022 million for GWOT to procure 1791 M915A3/Next Generation Line Hauls Phase I (NGPI) and M916A3 vehicles for the Army National Guard, Active Army, Army Reserve, and USAR.

FY08 Base \$83.897 million FY08 GWOT \$276.022 million FY08 Total \$359.919 million

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					omenclature: ΓOR, LINE HAUI	., M915/M916 (D.	A0600)	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Trk, Tractor, Line Haul, M915A3 (D15900)								287022	2001	143			
Truck, Tractor, LET, M916A3 (D19601)								72897	316	231			
Total:								359919					

Exhibit P-40, Budget Item	Justificatio	on Sl	heet						Date		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature RUCK, TRACTOR	, LINE HAUL, M	915A2 (D15900)			
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:					
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					2001							2001
Gross Cost					287.0							287.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					287.0							287.0
Initial Spares												
Total Proc Cost					287.0							287.0
Flyaway U/C												
Weapon System Proc U/C												

The M915A3 Line Haul Tractor is a 6x4 tractor procured as a Non-Developmental Item (NDI). It is found primarily in medium transportation companies and tows the M871 and M872 flatbed semitrailers, the M967 and M969 series 5000 gallon tankers, and the M1062 7500 gallon tanker. It transports breakbulk, containers, water and petroleum over primary and secondary roads. The M915A3, with a 2-inch kingpin and 105,000 Gross Combination Vehicle Weight (GCVW) capacity, is transportable by highway, rail, marine, and air modes worldwide.

#### **Justification:**

FY 2008 requirement includes \$207.022 Million for GWOT to procure 1486 Next Generation Line Haul Phase I (NGPI) Vehicles. The M915A3 and NGPI fills requirements for the Army National Guard, Army Reserve, USAR reset, and the Active Army.

FY08 Base \$80.000 million FY08 GWOT \$207.022 million FY08 Total \$287.022 million

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri rmy / 1 / Ta	al No: ectical and suppor			menclature: FOR, LINE HAU	L, M915A2 (D159	00)	Weapon System	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
Cost Elements	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000	\$000	Each	\$000
FY 2008 Base Appropriation													
Hardware - M915A3 with FRET								69600	515	135			
H/W SUBTOTAL								69600					
Documentation								475					
Logistics Support								450					
Engineering Support								500					
Quality Support								600					
Program Management Support								1300					
Engineering Change Proposals								2088					
Government Testing								500					
System Fielding Support								3090					
Special Tools								700					
FSR Support								350					
New Equipment Training								347					
PROG SUPPORT SUBTOTAL								10400					
Total FY 2008 Base Appropriation								80000					
FY 2008 GWOT													
M915A3 w/FRET								200610	1486	135			
H/W SUBTOTAL								200610					
Engineering Change Proposals								3009					
Documentation								500					
Government Testing								503					
Special Tools								400					
System Fieldings								2000					
PROG SUPPORT SUBTOTAL								6412					
Total 2008 GWOT Request								207022					
Total:								287022					

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: CTOR, LINE HAUL, M915A	.2 (D15900)			•			
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 Base Appropriation										
FY 2008	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 07	May 08	258	135	YES	N/A	N/A
FY 2008	TBD TBD	TBD	TACOM, Warren, MI	Jan 08	Jul 08	257	135	YES	N/A	DEC 0
FY 2008 GWOT										
FY 2008	TBD TBD	TBD	TACOM, Warren, MI	Jun 08	Dec 08	1486	135	YES	N/A	DEC 0

REMARKS:

			FY 07 / 08 BUDGET PRODUCTION SCHEDULE  P-1 ITEM NOMENCLATURE TRUCK, TRACTOR, LINE HAUL,																											
		F	Y 07 /	08 BU	DGET	r PRC	DUC	CTIO	N SCI	HEDU	LE							L, M91:	5A2 (D1	5900)			Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal '	Year 07											Fiscal Y	Zear 08						
				•																	•									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE								•	Calendaı	r Year 0	7								Cale	ıdar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Ha	rdware -	M915A	3 with FI	RET					I	I								ı							ı					
1	FY 08	A	258	0	258		A						30	30	30	30	30	30	30	30	18									0
2	FY 08	A	257	0	257				A						17	20	25	25	25	25	25	25	25	25	20					0
2	FY 08 GWOT	A	1486	0	1486																					A				1486
	01101																													
																													<u> </u>	
																													<u> </u>	
																													<u> </u>	
To	tal		2001		2001					_			30	30	47	50	55	55	55	55	43	25	25	25	20				<u> </u>	1486
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							I	PRODU	CTION	RATES						A	DMIN I	LEAD T	IME		MFR		TOTA	<b>A</b> L	REMA					
F											Reac	hed MI	₹R			Pric	or 1 Oct	After	r 1 Oct	Af	ter 1 Oct		After 1	Oct				le shown le M915		s for one
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D-	<b>⊢</b> 1	Init	ial			0		1		6		7		Vehicle	es. The	M915 F	amily of	Vehicle	es are
1	Freigh	Freightliner Corporation, Portland, OR 8 100 205 3									Red	order			0		3		6		9					the com at an ave				
2	TBD,	TBD		8 100 205 3									Init	ial			0		3		6		9		day or				8	
												Red	order			0		3		6		9								
												Init	ial																	
											Red	order																		
											Init	ial																		
										Red	order																			
Init										ial																				
	1						1			1		1	Rec	order				1				1								

		F	FY 09 /	10 BU	DGET	r PRC	DUC	TIO	N SCI	HEDU	LE			P-1 ITEM TRUCK,				L, M91	5A2 (D1	5900)			Dat	te:	Februa	ary 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 09											Fiscal Y	Year 10	)					
·		S	PROC	ACCEP	BAL									Calendar	Year 0	9								Cale	ndar Ye	ar 10				
M		E	QTY	PRIOR	DUE	<u> </u>				1	1								T		_		T		1			Ι.	I _	
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	U L	A U G	S E P	Later
Hai	dware -	M915A	3 with FI	RET																1										
-	FY 08	A	258	258			<u> </u>																							0
	FY 08	A	257	257			<u> </u>																				<u> </u>			0
	FY 08 GWOT	A	1486	0	1486	50	85	110	125	140	150	155	155	150	130	120	116													0
																											<u> </u>			
							<u> </u>																				<u> </u>			
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Tot	al	I.	2001	515	1486	50	85	110	125	140	150	155	155	150	130	120	116													
			1	l	•	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
											'														•					
M							J	PRODU	CTION I	RATES						Α	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA					
F											Reacl	ned MI	₹R			Pric	or 1 Oct	Afte	r 1 Oct	Aft	ter 1 Oct		After 1	Oct		oduction body sty				is for one of
R		Name - Location MIN 1-8-5 MAX D+									Init	ial			0		1		6		7		Vehicl	es. The l	M915 Fa	amily of	Vehicle	es are		
1		reightliner Corporation, Portland, OR 8 100 205 3								_		rder			0	_	3		6		9		produc	ed togeth	ch runs	at an ave	rage of	40 per		
2	TBD,	D, TBD 8 100 205 3									2	<u> </u>				0		3		6		9		day or	more.					
											_		rder			0		3		6		9		4						
											Init					-							4							
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										Init					1							-								
										Red					-				_			-								
										Init	rder				+							1								

Item No. 10 Page 7 of 12 81 Exhibit P-21 Production Schedule

Exhibit P-40, Budget Item	Justificatio	n Sh	eet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No		EQ TRANS, 6 X 6	5, M916A1 (D1960	01)		
Program Elements for Code B Items:		C	Code:	A	Other Related Pro	gram Element	S:					
	Prior Years	FY 2	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty					316							316
Gross Cost					72.9							72.9
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					72.9							72.9
Initial Spares												
Total Proc Cost					72.9							72.9
Flyaway U/C												
Weapon System Proc U/C												

The M916A3 Light Equipment Transporter (LET) is a 68,000 pound Gross Vehicle Weight (GVW) tractor with a 3-1/2-inch, 40,000-pound capacity Compensator Fifth Wheel. It has an electronic diesel engine, automatic electronic transmission, anti-lock brakes, air conditioning, and is capable of operating at speeds up to 55 mph. The M916A3 LET is used primarily in engineering units to tow the 40-ton M870/M870A1 lowbed semitrailer resulting in a Gross Combination Vehicle Weight (GCVW) rating of 130,000-pounds. The M916A3 LET transports engineer construction equipment in the local, line haul, and maintenance evacuation missions over a 50% primary, 45% secondary, and 5% off-road mission profile.

#### **Justification:**

FY 2008 requirement includes \$69.0 million for GWOT to procure 305 M916A3 Truck Tractors for the Army National Guard, Active Army, and Army Reserve.

FY08 Base \$3.897 million FY08 GWOT \$69.000 million FY08 Total \$72.897 million

Exhibit P-5, Weapon OPA1 Cost Analysis	Approp Other	riation/Budget A Procurement, A	ctivity/Seri rmy / 1 / Ta	al No: actical and suppor			menclature: LT EQ TRANS,	6 X 6, M916A1 (D	19601)	Weapon Systen	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY2008 Base Appropriation													
Hardware - M916A3 w/FRET								2331	11	212			
H/W SUBTOTAL								2331					
Program Management Support								200					
Engineering Change Proposals								70					
System Fielding Support								143					
Quality Support								150					
Government Testing								150					
Documentation								140					
Engineering Support								150					
Logistics Support								150					
Special Tools								150					
FSR Support								150					
New Equipment Training								113					
PROG SUPPORT SUBTOTAL								1566					
<b>Total FY 2008 Base Appropriation</b>								3897					
FY 2008 GWOT Request													
M916A3 w/FRET								64660	305	212			
H/W SUBTOTAL								64660					
Engineering Change Proposals								970					
Documentation								300					
Government Testing								304					
Special Tools								326					
System Fieldings								2440					
PROG SUPPORT SUBTOTAL								4340					
<b>Total 2008 GWOT Request</b>								69000					
Total													
Total:								72897					

Exhibit P-5a, Budget Procurement	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:		Nomenclature: AC, LT EQ TRANS, 6 X 6, M9	16A1 (D19601)	ı					
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
FY 2008 Base Appropriation FY 2008	Freightliner Corporation Portland, OR	CFP RQ7	TACOM, Warren, MI	Nov 07	May 08	11	212	YES	N./A	N/A
FY 2008 GWOT Request FY 2008	TBD TBD	TBD	TACOM, Warren, MI	Jun 08	Dec 08	305	212	YES	N/A	DEC (

REMARKS:

			FY 07 / 08 BUDGET PRODUCTION SCHEDULE  P-1 ITEM NOMENCLATURE TRUCK, TRAC, LT EQ TRANS, 6 X																											
		F	Y 07 /	08 BU	DGET	ΓPRO	DUC	CTIO	N SCI	HEDU	LE							6 X 6, N	M916A1	(D1960	01)		Dat	te:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal	Year 07											Fiscal Y	Year 08	}					
			1	1																	1									
M		S E	PROC QTY	ACCEP PRIOR	BAL DUE									Calenda	r Year (	)7								Cale	ndar Ye	ar 08				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Hai	dware -	M916A	3 w/FRE	Т				•						•										•						•
1	FY 08	A	11	0	11														A						6	5				0
	FY 08 GWOT	A	305	0	305																					A				305
																											<u> </u>	<u> </u>	<u> </u>	
																											<u> </u>	<u> </u>		
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																												<del>                                     </del>		
Tot	al		316		316																				6	5				305
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							]	PRODU	CTION :	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA					
F											Read	hed M	FR			Pric	or 1 Oct	After	r 1 Oct	Aft	ter 1 Oct		After 1	Oct				le shown he M915		is for one
R			Nan	ne - Locati	on		N	MIN	1-8-5	MAX	D	+	1 In	tial			0		1		6		7		Vehicle	es. The	M915 F	amily of	Vehicle	es are
1	Freigh	tliner C	orporatio	n, Portland	i, OR			8	100	205	3		Re	order			0		3		6		9					the com at an ave		
2	TBD,	TBD						8	100	205	3	:	2 In	tial			0		3		6		9		day or					
	1										_	Re	order			0		3		6		9		1						
													In	tial																
											order											4								
	1										-			tial						-					4					
											order											4								
Initial Reorder																-					1									

Item No. 10 Page 11 of 12 85 Exhibit P-21 Production Schedule

			Y 09 / 10 BUDGET PRODUCTION SCHEDULE  P-1 ITEM NOMENCLATURE TRUCK, TRAC, LT EQ TRANS, 6																											
		F	FY 09 /	10 BU	DGET	ΓPRO	DUC	CTIO	N SCI	HEDU	LE							6 X 6, l	M916A1	(D1960	01)		Dat	te:	Februa	ry 2007				
	C	OST	ELEM	IENTS	}						Fiscal Y	ear 09											Fiscal Y	Year 10	)					
		S	PROC	ACCEP	BAL									Calenda	. \$7 0	0					1			C-1	ndar Ye	10				_
M		E	QTY	PRIOR	DUE									Calendal	r rear u	9								Cale	ndar re	ar 10				
F R	FY	R V	Units	TO 1 OCT	AS OF 1 OCT	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	Later
Har	dware -	M916A	3 w/FRE	Т																										
	FY 08	A	11	11																										0
2	FY 08 GWOT	A	305	0	305			10	20	30	30	30	30	30	30	30	30	20	15											0
Tot	al		316	11	305			10	20	30	30	30	30	30	30	30	30	20	15											
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
M							]	PRODU	CTION I	RATES						A	DMIN I	EAD T	IME		MFR		TOTA	AL	REMA	RKS				1
F											Reacl	ned MI	FR			Prio	or 1 Oct	After	r 1 Oct	Af	ter 1 Oct		After 1	Oct						
R										. 1	Init	ial			0		1		6		7									
1	1 Freightliner Corporation, Portland, OR 8 100 205 3										Rec	order			0		3		6		9									
2	TBD, TBD 8 100 205 3									2	Init	ial			0		3		6		9									
											_	order			0		3		6		9		1							
										Init												1								
												order				1							4							
										Init			-		<del> </del>							4								
										_	order				1							1								
										ıal order											1									

Exhibit P-40, Budget Item	Justificatio	n Sheet						Date:		ebruary 2007	
Appropriation / Budget Activity / Seri Other Procurement, Army / 1 / Taction		cles			P-1 Item No	omenclature MMWV RECAPIT	ALIZATION PRO	OGRAM (DV0230)			
Program Elements for Code B Items:		Code:		Other Related Pro	gram Elemen	ts:					
	Prior Years	FY 2006	FY 2007	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty				9255							9255
Gross Cost				455.0							455.0
Less PY Adv Proc											
Plus CY Adv Proc											
Net Proc P1				455.0							455.0
Initial Spares											
Total Proc Cost				455.0							455.0
Flyaway U/C											
Weapon System Proc U/C				0.0							0.0

The High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) Recapitalization (Recap) program recapitalizes vehicles and converts them from HMMWV M998A0/A1 to HMMWV M1097R1, and HMMWV M1025A0/A1 to HMMWV M1025R1. The HMMWV Recap program maintains the Army's investment in the Light Tactical Vehicle Fleet and supports the Army's modularity strategy. Reconfiguration of the HMMWV M998A0/A1 and M1025A0/A1 vehicles to the HMMWV M1097R1 and M1025R1 configuration results in a more capable vehicle with improved reliability and maintainability. This recapitalization program will permit heavier payloads and modernize the fielded HMMWV fleet. The result of this recapitalization effort is a vehicle with an extended service life and additional payload capabilities.

#### Justification:

FY2008 GWOT dollars are for additional assets to support the Global War on Terror by Resetting vehicles, supplementing battle losses, generating and protecting forces, and enhancing military capabilities. The need for GWOT is to recap a total of 9,255 vehicles: 3,839 vehicles for USAR; 3,036 for the National Guard and 2,054 for Active component, all supporting Modularity. Additionally there will be 326 vehicles Recapped for swap out with customers turning in older equipment; this is in line with the timings of the ARFORGEN (Army Force Generation)/Reset strategy.

FY08 Baseline: \$0

FY08 GWOT: \$455.00M Qty 9255 FY08 Total: \$455.00M Qty 9255

Exhibit P-5, Weapon OPA1 Cost Anal		riation/Budget A Procurement, A					menclature: PITALIZATION	PROGRAM (DV	0230)	Weapon Syster	n Type:	Date:	February 2007
OPA1	ID		FY 06			FY 07			FY 08	•		FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
Vehicles													
M1097R1								431130	8980	48			
M1025R1								14602	275	53			
Subtotal								445732					
Government Testing													
Engineering Support - In-House								475					
Quality Assurance Support - In-House								318					
Fielding Support								2317					
Basic Issue Items (BII)								2233					
Kits (Troop Seats, Jacks, Seatbelts)								2528					
Project Management Support								1397					
Storage													
Total:								455000					

Exhibit P-5a, Budget Procuremen	History and Planning							Oate: February	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item HMMWV RE	Nomenclature: CAPITALIZATION PROGRA	AM (DV0230)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFP Issue Date
M1097R1										
FY 2008	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Jun 08	Jul 08	5206	48	Y	NA	NA
FY 2008	Letterkenny Army Depot Chambersburg, PA	MIPR	TACOM, Warren, MI	Jun 08	Jul 08	3524	48	Y	NA	NA
FY 2008	Maine Military Authority Limestone, ME	MIPR	MMA, Limestone, ME	Jun 08	Jul 08	250	31	Y	NA	NA
M1025R1										
FY 2008	Red River Army Depot Texarkana, TX	MIPR	TACOM, Warren, MI	Jun 08	Jul 08	275	53	Y	NA	NA

REMARKS:

			FY 08 / 09 BUDGET PRODUCTION SCHEDULE  P-1 ITEM NOMENCLATURE HMMWV RECAPITALIZATION																											
		F	FY 08 /	09 BU	DGET	ΓPRO	ODUC	CTIO	N SCI	HEDU	JLE							N PROG	RAM (I	OV0230)	)		Dat	e:	Februa	ry 2007				
	C	OST	ELEN	IENTS							Fiscal	Year 0	8										Fiscal Y	ear 09						
М		S E	PROC	ACCEP PRIOR	BAL DUE									Calenda	r Year 0	8								Caler	ndar Yea	ar 09				-
F R	FY	R	QTY Units	TO 1 OCT	AS OF 1 OCT	O C	N O	D E	J A	F E	M A	A P	M. A	U	J U	A U	S E	O C	N O	D E	J A	F E	M A	A P	M A	J U	J U	A U	S E	Later
	00701					T	V	С	N	В	R	R	Y	N	L	G	P	T	V	С	N	В	R	R	Y	N	L	G	P	
	097R1 FY 08	Α	5206	0	5206							1	1	A	473	473	473	473	473	473	473	473	473	473	476				1	0
	FY 08	A	3524	0	1									A	320	320	320	321	321	321	321	321	320	320						0
	FY 08	NG	250	0	250									A	25	25	25	25	25	25	25	25		25	517					0
	025R1		I	I		I	1		1				<u>l</u>	I															I	<b>I</b>
2	FY 08	A	275	0	275									A	25	25	25	25	25	25	25	25	25	25	25					0
														-																
														-																
To	tal	1	9255		9255										843	843	843	844	844	844	844	844	843	843	820					
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	U	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
	1													I		,											1	1	l	
M							-	PRODU	JCTION :	RATES			ŒD.				DMIN I			4	MFR		TOTA		REMA	RKS				
F			N	. T				MINI	105	MAN		hed N				Pric	or 1 Oct	-	r 1 Oct	Aft	ter 1 Oct		After 1	Oct						
R 1	_	zonny A		ne - Locati ot, Chamb		DA		MIN 278	1-8-5 330	MAX 500	D	+	H	nitial			0	+	0		1		1							
2				, Texarkar		A		278	396	640				Reorder nitial			0		2		1		3							
				ty, Limest				50	40	50			F	Reorder			0	+	0		1		1							
_	Ivianic	TTITITUT	y riumon	ty, Ellines	one, me									nitial			0	_	3		4		7							
												-	Reorder			0		0		1	-	1		1						
												nitial				+				$\dashv$			1							
											F	Reorder											1							
										nitial				1							1									
Initial Poorder											1							1												

Exhibit P-40, Budget Item	Justificatio	n Sl	heet						Γ	Date:	Fel	bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No	omenclature ODIFICATION O	F IN SVC EQUIP	(DA0924)				
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	ts:						
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 201	12 F	FY 2013	To Complete	Total Prog
Proc Qty													
Gross Cost					1127.5								1127.5
Less PY Adv Proc													
Plus CY Adv Proc													
Net Proc P1					1127.5								1127.5
Initial Spares													
Total Proc Cost					1127.5								1127.5
Flyaway U/C													
Weapon System Proc U/C													

Equipment modifications increase survivability of soldiers in the field and improve vehicle readiness. Modifications support the hardware and application of armor to meet critical armor/safety kit in-theater requirements for tactical vehicles, construction equipment, and boats. Fragmentation (FRAG) Kit #3 provides armored protection around the HMMWV fuel tank. FRAG Kit #4 provides armored panel protection to the vehicle underbody for HMWWV and M915A2. FRAG Kit #5 provides armored protection to the vehicle doors with improved windows, door latches, and hinges for FMTV, HEMTT and HMMWV. The enhanced Gunner Protection Kit (GPK) upgrades the current GPK with transparent armor for enhanced situational awareness while ensuring soldier protection. ASV Enhancement Retrofits ensure that field generated modifications are incorporated on prior production. Add on Armor for Construction Equipment will procure, install and provide initial sustainment of (524) AoA Upgrade Kits to meet an in-theater requirement to increase the crew protection of armored CE/MHE Theater Provided Equipment (TPE) against small arms and IED threats. Mine Protected Route Clearance Vehicles (MPRCVs), applies next generation armor, remote weapon stations, rebuild kits for assets in Theater. Bridge Erection Boats (BEB) Buys add on armor for Boats in Theater.

#### Justification:

FY2008 GWOT dollars support the Global War on Terror by adding and enhancing crew and vehicle survivability through a variety of kits and modifications.

FY08 Baseline: \$32,725 FY08 GWOT: \$1,094,789 FY08 Total: \$1,127,514

Exhibit P-40M	l, Budget Item Justifi	cation Sheet						Date:	February 2007		
Appropriation / Budget Ac	<u>,                                      </u>				P-1 Item Nomeno	clature					
i	ement, Army / 1 / Tactical and support	vehicles			MO	DIFICATION OF I	N SVC EQUIP (D	A0924)			
Program Elements for Cod	de B Items:						Code:	Other R	elated Program Elen	nents:	
Description		Fiscal Years					A				
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
FMTV LSAC Kits	l	L				l	ı		L.		
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASV Wheel Well & Ur	nderbody Applique										
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ambulance Carrier Me	dium Troop Transport										
0-00-00-0000		0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	23.0
FMTV LSAC Applique	e										
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEMTT Applique											
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tactical Vehicles Safet	y Enhancements										
0-00-00-0000	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV FRAG Kit#	f3 (Fuel Tank)										
0-00-00-0000	Critical	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	14.9
Driver Vision Enhancer	ment System										
0-00-00-0000	Safety	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	6.3
Air Conditioning											
0-00-00-0000	Safety	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Roll Stability											
0-00-00-0000	Safety	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	7.3
Vehicle Computer Syst	tem										
0-00-00-0000	Safety	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Vehicle Intercrew Com	nmunications										
0-00-00-0000	Safety	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	9.5
O-GPK HEMTT											
0-00-00-0000	Critical	0.0	0.0	34.3	0.0	0.0	0.0	0.0	0.0	0.0	34.3
O-GPK PLS											
0-00-00-0000	Critical	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	15.2

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 2 of 47 92

Exhibit P-40M Budget Item Justification Sheet

	I, Budget Item Justifi	cation Sheet			1				February 2007		
Appropriation / Budget A					P-1 Item Nomeno						
	rement, Army / 1 / Tactical and support	vehicles			MOI	DIFICATION OF I					
Program Elements for Coo	de B Items:						Code: A	Other R	elated Program Elen	nents:	
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
M915A2+ Frag Kit #4				<u>.</u>							
0-00-00-0000	Critical	0.0	0.0	17.1	0.0	0.0	0.0	0.0	0.0	0.0	17.1
FMTV 0-GPK											
0-00-00-0000		0.0	0.0	52.6	0.0	0.0	0.0	0.0	0.0	0.0	52.6
Remote Weapon Statio	on (MPRCV)										
0-00-00-0000		0.0	0.0	75.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0
Rebuild Kits (MPRCV	7)										
0-00-00-0000		0.0	0.0	210.0	0.0	0.0	0.0	0.0	0.0	0.0	210.0
Add on Armor (BEB)											
0-00-00-0000		0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.2
Next Generation Armo	or (MPRCV)										
0-00-00-0000		0.0	0.0	174.8	0.0	0.0	0.0	0.0	0.0	0.0	174.8
Medium Truck Armor	Kits										
0-00-00-0000	Urgent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M915A2+ Simula											
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PLS Applique											
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Side Saddle Fuel Tank	Protection										
0-00-00-0000		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV FRAG Kit #	#4 (Underbody)										
0-00-00-0000	Critical	0.0	0.0	133.1	0.0	0.0	0.0	0.0	0.0	0.0	133.1
HMMWV Enhanced C	GPK										
0-00-00-0000	Critical	0.0	0.0	135.8	0.0	0.0	0.0	0.0	0.0	0.0	135.8
Fuel Tank Insertion Sa	nfety Foam										
0-00-00-0000	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASV Enhancement Re	etrofits										
0-00-00-0000		0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0
HMMWV AC Improv	rements										

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 3 of 47

Exhibit P-40M Exhibit P-40M, Budget Item Justification Sheet

Exhibit P-40M, B	udget Item Justifi	cation Sheet						Date:	February 2007		
Appropriation / Budget Activity	/ Serial No:				P-1 Item Nomeno	clature		•			
Other Procurement,	, Army / 1 / Tactical and suppor	vehicles			MOI	DIFICATION OF	IN SVC EQUIP (I	DA0924)			
Program Elements for Code B It	ems:						Code: A	Other R	elated Program Elen	nents:	
Description		Fiscal Years									
OSIP No.	Classification	2006 & PR	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	TC	Total
0-00-00-0000	Critical	0.0	0.0	81.0	0.0	0.0	0.0	0.0	0.0	0.0	81.0
PLS Trailer Wheel Modifica	ntion										
2-02-06-0001	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fuel Tanker Armor Kits											
0-00-00-0000	Urgent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV ECM Conversion	1										
0-00-00-0000	Urgent	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HMMWV FRAG Kit #5 (Do	oor)										
0-00-00-0000	Critical	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HEMTT/PLS 4-Point Seatbe	elt										
0-00-00-0000	Safety	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CE/MHE Armor Upgrade K	its										
0-00-00-0000		0.0	0.0	86.0	0.0	0.0	0.0	0.0	0.0	0.0	86.0
M939 Anti-Lock Brake Syst	tem (ABS)										
0-00-00-0000	Safety	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	4.4
Totals		0.0	0.0	1127.5	0.0	0.0	0.0	0.0	0.0	0.0	1127.5

INDIVIDUAL MODIFICATION	Date:	February 2007

MODIFICATION TITLE: Ambulance Carrier Medium Troop Transport [MOD 3] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Family of Medium Tactical Vehicles (FMTV)

#### DESCRIPTION / JUSTIFICATION:

To produce and install 46 Ambulance Carriers for the Medium Troop Transport System (MTTS) that will be applied to Medium Tactical Vehicles (MTV). Need is based on field requirements.

## DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

This is a new project for FY08.

#### Installation Schedule

Inputs
Outputs

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									12	12	12	10								
									12	12	12	10								

Totals	То		2015	FY			2014	FY			2013	FY 2			2012	FY 2	
	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
46																	
46																	

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 12 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

## INDIVIDUAL MODIFICATION

MODIFICATION TITLE (cont): Ambulance Carrier Medium Troop Transport [MOD 3] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement					46	23.0													46	23.0
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		23.0		0.0		0.0		0.0		0.0		0.0		0.0		23.0

February 2007

Date:

#### INDIVIDUAL MODIFICATION

Date:

FY 2010 -

February 2007

MODIFICATION TITLE: HMMWV FRAG Kit #3 (Fuel Tank) [MOD 7] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

#### DESCRIPTION / JUSTIFICATION:

Fragmentation (FRAG) kit #3 provides increased protection around the fuel tank. Enhanced solution based upon field recommendation to provide armor package around fuel tank. Total quantity required is 18669.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Based on theater requests, Frag Kit #3 (FK3) was refined at ATC based on field efforts; developed; and tested from Nov 06 - Feb 06. Production design for both M1114 and M1151 family was developed in Mar 06 at Rock Island Arsenal (RIA) with intent to start production at RIA in Apr 06. However, priorities were switched to focus on Frag Kit #5 development, and the effort was put aside. Currently, design is 95% complete, and Armor Holdings (AHI) is cleaning up the final design (USG design, AHI engineering work to refine interfaces/drawings).

1	nsta	11	at	ic	n	Sc	hed	u	le

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								1050	5873	5873	5873									
									1050	5873	5873	5873								

		FY	2012			FY 2	2013			FY	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		18669
Outputs																		18669

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: PRODUCTION LEADTIME: 0 months Depot 0 months Contract Dates: FY 2008 -FY 2009 -

Delivery Dates: FY 2008 -FY 2009 -FY 2010 -

## INDIVIDUAL MODIFICATION Date: February 2007

MODIFICATION TITLE (cont): HMMWV FRAG Kit #3 (Fuel Tank) [MOD 7] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TC		То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					18669	9.0													18669	9.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits					18669	6.0													18669	6.0
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	18669	6.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18669	6.0
Total Procurement Cost		0.0		0.0		14.9		0.0		0.0		0.0		0.0		0.0		0.0		14.9

						INDI	VIDUA	L M	ODIFIC	ATION										Date:		Februa	ry 2007			
MODIFICATION T	TTLE: Dri	ver Visio	n Enhan	cement S	System	MOD 8	3] 0-00-	00-00	00																	
MODELS OF SYST	ΓEM AFFI	ECTED: 1	PM TV F	latforms	s																					
DESCRIPTION / JU Integrate and ins			on Enh	ancem	nent Sy	stem o	on Tac	ctical	Vehic	eles																
DEVELOPMENT S DVE Developed																										
Installation Schedul	e																									
		Pr Yr			FY 20	2007 FY 2008								F	Y 2009	9			I	Y 2010	)			FY	2011	
	,	Totals		1 2		3	3 4			2 3		4	1	2		3	4	1	2		3	4	1	2	3	4
Inputs											151	151	151	151												
Outputs																										
		EV	2012			ī	FY 201:	3				FY 2014	1			-	Y 2015						То			Totals
	1	2	3	4	1	2		3	4	1			3	4	1	2		3	4			Co	omplete			Totals
Inputs				<u> </u>		<del>  -</del>			•		† -					1 -							mprete			604
Outputs																										
METHOD OF IMPI	OF IMPLEMENTATION: ADMINIS'								VE LEA	ADTIME	Ξ:	0 m	onths			PRO	OUCTI	ON LE	EADTIN	IE: 0	mon	ths				
Contract Dates:			FY	2008 -								FY	2009 -							FY 20	010 -					
Delivery Dates:			FY	2008 -								FY	2009 -							FY 20	010 -					

# INDIVIDUAL MODIFICATION Date: February 2007

MODIFICATION TITLE (cont): Driver Vision Enhancement System [MOD 8] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	6.0													604	6.0
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0.3
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	604	0.3
Total Procurement Cost		0.0		0.0		6.3		0.0		0.0		0.0		0.0		0.0		0.0		6.3

						IND	IVIDUA	L MOD	IFICA	TION									Da	te:	February	2007			
MODIFICATION 7	ΓΙΤLE: Aiı	Conditio	oning [Mo	OD 9] 0-	00-00	0-0000																			
MODELS OF SYS	TEM AFF	ECTED: 1	PM TV P	latforms																					
DESCRIPTION / JU Integrate and in			ioning o	on field	led ta	actical	vehicle	es.																	
DEVELOPMENT S Fully Developed		MAJOR	DEVELO	OPMEN'	ΓMIL	ESTON	E(S):																		
Installation Schedul	le																								
		-	FY 2	2007			FY 2008				FY 2		2009	09				FY 2010			FY	2011	1		
		Totals		1	2	3	4	1	2	_	3	4	1	2	3	4		1	2	3	4	1	2	3	4
Inputs Outputs										15	51	151	151	151											
		FY	2012				FY 201	3			F	FY 2014				FY 2	015		1			То			Totals
	1	2	3	4	1		2	3	4	1	2	_	-	1	1	2	3	4			Con	nplete			10141
Inputs																						1			604
Outputs																									
METHOD OF IMP	LEMENTA	ATION:				AD	MINIST	RATIVI	E LEAI	OTIME:		0 m	onths		PF	RODU	CTION I	LEADTI	ME:	0 mon	ths	•			
Contract Dates:				2008 -									2009 -							2010 -					
Delivery Dates:			FY	2008 -								FY	2009 -						FY	2010 -					

# INDIVIDUAL MODIFICATION Date: February 2007

MODIFICATION TITLE (cont): Air Conditioning [MOD 9] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	007	20	08	20	09	20	10	20	)11	2012		20	13	TC		То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7													604	2.
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	604	0
Total Procurement Cost		0.0		0.0		3.0		0.0		0.0		0.0		0.0		0.0		0.0		3

Date:

February 2007

MODIFICATION TITLE: Roll Stability [MOD 10] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Family of Medium Tactical Vehicles

#### DESCRIPTION / JUSTIFICATION:

Employs Anti-Lock Brakes (ABS) sensors to measure traction loss (wheel spin). Before a human can detect the motion, the computer identifies the problem, figures out the best corrective action, and applies one brake selectively at one corner of the vehicle to correct the problem. System must have ABS installed in order to utilize this modification.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

FY08 funding will be used to procure kits and installation for the FMTV A1 and A1 Rebuy vehicles, building from an existing plan to cut roll stability provisions into production. Effort may be expanded or modified to include the M939 Series Trucks, of Heavy Tactical Vehicles, depending on operational requirements and the status of each fleet.

Instal	lation	Sc	hec	lu.	le
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Inputs Outputs

10																					
	Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
	Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									300	750	750	750	370								

		FY	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		2920
Outputs																		

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 10 months

Contract Dates:

FY 2008 - Nov 07

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - AUg 08

FY 2009 -

FY 2010 -

DA0924 MODIFICATION OF IN SVC EQUIP Item No. 14 Page 13 of 47 103

MODIFICATION TITLE (cont): Roll Stability [MOD 10] 0-00-00-0000

PHYANCIAL I LAN. (\$ III WIIIIOIIS)	FY 2	2006	1																	
		Prior	20	07	20	08	20	09	20	010	20	11	20	12	20	13	TO	7	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E									- ( )								()			
Procurement																				
Kit Quantity					2920	2.9													2920	2.9
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					2920	4.4													2920	4.4
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	2920	4.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2920	4.4
Total Procurement Cost		0.0	_	0.0		7.3		0.0		0.0		0.0		0.0	_	0.0		0.0	_	7.3

MODIFICATION TIT																									
						INI	ivin	IIAI. M	ODIFIC	CATION										Date:	Februar	ry 2007			
	LE: Veh	icle Con	nputer Sy	stem [N	MOD 1				02111	2111011															
MODELS OF SYSTE	M AFFE	CTED: I	PM TV V	ehicles																					
DESCRIPTION / JUS' Integrate and insta			mputer	Syste	m on	Tactio	cal V	ehicle	s																
DEVELOPMENT STA Integration require									ed.																
Installation Schedule																									
	I	Pr Yr			FY 2	2007				FY 200	8	1		F	Y 200	19			F	2010	_		FY	2011	
_	7	otals		1	2	3	4		1	2	3	4	1	2		3	4	1	2	3	4	1	2	3	4
Inputs											151	151	151	151	L										
Outputs																									
Г		FY ?	2012				FY 2	013			1	FY 2014	4			1	Y 201:	<u> </u>				То			Totals
ŀ	1	2	3	4	1		2	3	4	1	2	1	3	4	1	2		3	4		Co	omplete			10141
Inputs																						1			604
Outputs																									
METHOD OF IMPLE	MENTA	TION:	I		ı	AI	OMINI	STRAT	IVE LE	ADTIME	Ξ:	0 n	nonths	ı		PRC	DUCT	ON LE	ADTIME	E: 0 mo	nths				
Contract Dates:			FY	2008 -								FY	2009 -							FY 2010	-				
Delivery Dates:			FY	2008 -								FY	2009 -							FY 2010	-				

MODIFICATION TITLE (cont): Vehicle Computer System [MOD 11] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	07	20	08	20	09	20	10	20	)11	20	12	20	13	Т	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	2.7													604	2
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	604	0
Total Procurement Cost		0.0		0.0		3.0		0.0		0.0		0.0		0.0		0.0		0.0		3

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						INDIVI	DUAL	MODI	FICAT	ION									Γ	Date:	Februar	y 2007			
MODIFICATION TIT	TLE: Vel	nicle Inte	rcrew Co	mmunic	ations []	MOD 12]	0-00-00	0-0000																	
MODELS OF SYSTE	M AFFI	ECTED: I	PM TV V	ehicles																					
DESCRIPTION / JUS Integrate and insta			ercrew o	commu	ınicatio	ons on t	actical	l vehic	cles.																
DEVELOPMENT ST Fully developed,				OPMEN'	T MILE	STONE(	S):																		
Installation Schedule																									
		Pr Yr			FY 200	)7			FY	2008				FY	2009				FY	2010	_		FY	2011	
	-	Γotals		1	2	3	4	1	2	3	4	4	1	2	3	3	4	1	2	3	4	1	2	3	4
Inputs										151	1 13	51	151	151											
Outputs																									
1		EV.	2012		1	F78	7.0010					2014		-		F37.	2015		1						m . 1
	1	FY 2	3	4	1	2	2013	1 ,	1	1	2	2014			1	2 2	2015	4			Co	To			Totals
Inputs	1	2	3	4	1	2	3		+	1		3		•	1		3	4				mplete			604
Outputs														+											004
METHOD OF IMPLE	EMENTA	ATION:		1	l .	ADMI	NISTRA	ATIVE	LEAD	TIME:		0 mon	ths			PRODU	ICTION	LEAD'	TIME:	0 mo	nths	<u> </u>			
Contract Dates:			FY	2008 -								FY 20	09 -						F	Y 2010					
Delivery Dates:			FY	2008 -								FY 20	09 -						F	Y 2010					

MODIFICATION TITLE (cont): Vehicle Intercrew Communications [MOD 12] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring					604	9.1													604	9.1
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders						0.1														0.1
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					604	0.3													604	0
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	604	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	604	0.3
Total Procurement Cost		0.0		0.0		9.5		0.0		0.0		0.0		0.0		0.0		0.0		9.5

						IND	IVIDUA	L MOI	OIFIC	ATION									D	ate:	Februar	y 2007			
MODIFICATION 7	TITLE: O-0	GPK HEN	ATT [MC	DD 13] (	0-00-00	0-0000																			
MODELS OF SYS	TEM AFFI	ECTED: I	PM Heav	v Tactic	ra1																				
WODELS OF STS	1121111111	JCTED. I	ivi iicuv	y ructic	-ui																				
Produce and ins	Pr Yr         FY 2007         FY 2008         FY 2009         FY 2010         FY 2011           Totals         1         2         3         4         1																								
DEVEL ODMENIT	CTATIC /	MAIOD	DEVELO	DMEN	тмп	ECTON	IE(C).																		
DEVELOPMENT	SIAIUS/	MAJOK	DEVELC	PMEN	1 MIL	ESTON	IE(S):																		
Installation Schedu	le																								
		Pr Yr			FY 2	007				FY 2008	3			FY 2	009				FY 2	2010			FY	2011	
	,	Γotals		1	2	3	4	1		2	3	4	1	2	3	4	1		2	3	4	1	2	3	4
Inputs								591	59	91 5	91 5	590													
Outputs																									
		EM	2012				EV 201	2		l	EV	2014				EV 20	11.5		1			Т-			T-4-1.
	1	ı	1	4	1		1		4	1			1 4	1			1	4			Co				Totals
Inputs	1		3	7	1		2	3		1	-	3				-	3					mpiete			2363
Outputs											1														
METHOD OF IMP	LEMENTA	ATION:	l	ı		AD	MINIST	RATIV	E LEA	DTIME	):	0 mon	ths	l .	PRO	DDUC	TION L	EADT	IME:	0 mor	nths				
Contract Dates:			FY	2008 -								FY 20	09 -						F	Y 2010 -					
Delivery Dates:			FY	2008 -								FY 20	009 -						F	Y 2010 -					

MODIFICATION TITLE (cont): O-GPK HEMTT [MOD 13] 0-00-00-0000

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					2363	34.3													2363	34.3
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		34.3		0.0		0.0		0.0		0.0		0.0		0.0		34.3

						IND	IVIDUA	L MOI	DIFIC	ATION									I	Date:	Februar	ry 2007			
MODIFICATION T	TTLE: O-0	GPK PLS	[MOD 1	4] 0-00-	-00-00	000																			
MODELS OF SYST	TEM AFFI	ECTED: I	PM Heav	y Tactic	al Vec	chicles																			
DESCRIPTION / JU Produce and ins			ection k	cits on	PLS	РМ Н	eavy T	actical	Vehi	icles. R	equire	ement	t will p	orovi	ide sig	nifica	ntly in	crease	d survi	vability	protec	tion for	troop 1	novem	ent.
DEVELOPMENT S	TATUS /	MAJOR I	DEVELO	OPMEN'	T MIL	LESTON	TE(S):																		
Installation Schedul	e																								
		Pr Yr			FY 2	2007				FY 2008				]	FY 200	9			FY	2010			FY	2011	
	,	Totals		1	2	3	4	1	1	2 3	;	4	1	2	2	3	4	1	2	3	4	1	2	3	4
Inputs								262	20	52 26	51 2	261													
Outputs																									
		FV '	2012				FY 201	3			FV	2014				E,	7 2015					То			Totals
	1	2	3	4	1		2	3	4	1	2	3		4	1	2	3		4		Co	omplete			Totals
Inputs																						1			1046
Outputs																									
METHOD OF IMPI	LEMENTA	ATION:				AD	MINIST	RATIV	E LEA	DTIME:		0 mc	onths			PROD	UCTIC	N LEA	DTIME:	0 mo	nths				
Contract Dates:			FY	2008 -								FY 2	2009 -						F	Y 2010	-				
Delivery Dates:			FY	2008 -								FY 2	2009 -						I	Y 2010	-				

# INDIVIDUAL MODIFICATION Date: February 2007 MODIFICATION TITLE (cont): O-GPK PLS [MOD 14] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

		i																	
FY 2	2006																		
and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	С	То	tal
Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
				1046	15.2													1046	15.2
0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	0.0		0.0		15.2		0.0		0.0		0.0		0.0		0.0		0.0		15.2
	and d	0 0.0	and Prior 20  Qty \$ Qty	and Prior 2007  Qty \$ Qty \$  0 0.0 0 0.0	and Prior 2007 20  Qty \$ Qty \$ Qty  1046	and Prior 2007 2008    Qty	and Prior         2007         2008         20           Qty         \$         Qty         \$         Qty         \$         Qty           1046         15.2	and Prior         2007         2008         2009           Qty         \$         Qty         \$         Qty         \$           1046         15.2	And Prior   2007   2008   2009   2008   2009   20	And Prior   2007   2008   2009   2010	And Prior   2007   2008   2009   2010   20	And Prior   2007   2008   2009   2010   2011	And Prior   2007   2008   2009   2010   2011   2010   2011   2010   2011   2010   20	And Prior   2007   2008   2009   2010   2011   2012	And Prior   2007   2008   2009   2010   2011   2012   2008   2019   \$   Qty   Qt	And Prior   2007   2008   2009   2010   2011   2012   2013	And Prior   2007   2008   2009   2010   2011   2012   2013   Transport	And Prior   2007   2008   2009   2010   2011   2012   2013   TC	And Prior   2007   2008   2009   2010   2011   2012   2013   TC   To

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						INDI	VIDUA	L MOI	DIFIC	ATION									Date:		February	2007			
MODIFICATION T	ΓΙΤLE: M9	15A2+ F	rag Kit #4	4 [MOD	15] 0	-00-00-0	0000																		
MODELS OF SYS	TEM AFFI	ECTED: 1	M915A2+	Line H	aul Ta	actical V	ehicle																		
DESCRIPTION / JU Fragmentation (			rovides	increa	sed p	protect	ion to t	he und	lerbo	dy of th	ne M91	5A2+	Line H	aul Ve	hicle.										
DEVELOPMENT S	STATUS /	MAJOR I	DEVELO	PMENT	ΓMIL	ESTON	E(S):																		
Installation Schedul	le																								
		Pr Yr			FY 2	2007				FY 2008				FY 20	09			F	Y 2010				FY :	2011	
	,	Totals	1	1	2	3	4	1	2	2 3	3	4	1	2	3	4	1	2	3	;	4	1	2	3	4
Inputs								372	37	72 37	72 3	72													
Outputs																									
		FY 2	2012				FY 2013	3			FY	2014				FY 201	5					То			Totals
	1	2	3	4	1	-		3	4	1	2	3	4	1	2		3	4			Coı	nplete			
Inputs																									1488
Outputs																									
METHOD OF IMP	LEMENTA	ATION:				AD	MINIST	RATIV	E LEA	DTIME:		0 mont	hs	•	PRC	DUCT	ION LE	EADTIM	E: 0	mon	ths	•			
Contract Dates:			FY	2008 -								FY 20	)9 -						FY 20	10 -					
Delivery Dates:			FY	2008 -								FY 20	)9 -						FY 20	10 -					

MODIFICATION TITLE (cont): M915A2+ Frag Kit #4 [MOD 15] 0-00-00-0000

	FY 2	2006																		
	and	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	Т	С	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					1488	17.1													1488	17.1
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		17.1		0.0		0.0		0.0		0.0		0.0		0.0		17.1

						INDIV	IDUAL	MOI	DIFIC	ATION									I	Date:	Februar	y 2007			
MODIFICATION T	ITLE: FM	ITV 0-GI	PK [MOI	D 16] 0-0	00-00-00	00																			
MODELS OF SYST	EM AFF	ECTED:	FMTV																						
DESCRIPTION / JU Produce and inst			tection	Kits or	n FMT	Vs. R	equire	ment	will p	provide	e sigi	nificar	ntly in	creased	survi	vabilit	y prot	ection	n for tro	оор то	vements	S.			
DEVELOPMENT S	TATUS /	MAJOR	DEVEL	OPMEN	T MILES	STONE	(S):																		
Installation Schedule	e																							-	
		Pr Yr			FY 200	7				FY 2008	8			F	Y 2009				FY	2010			FY	2011	
		Totals		1	2	3	4	1	2	2	3	4	1	2	3	3	4	1	2	3	4	1	2	3	4
Inputs								907	90	)7 9	07	906													
Outputs								907	90	)7 9	07	906													
					1				1																
		1	2012			1	Y 2013				1	FY 201	<del></del>				2015					То			Totals
	1	2	3	4	1	2	3	1	4	1	2	2	3	4	1	2	3		4		Co	mplete			
Inputs																									3627

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 12 months

Contract Dates:

Outputs

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

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## INDIVIDUAL MODIFICATION Date: February 2007 MODIFICATION TITLE (cont): FMTV 0-GPK [MOD 16] 0-00-00000

	FY 2	2006																		
	and	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	Т	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					3627	52.6													3627	52.6
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Procurement Cost		0.0		0.0		52.6	_	0.0		0.0		0.0		0.0	_	0.0		0.0		52.6

Date:

February 2007

MODIFICATION TITLE: Remote Weapon Station (MPRCV) [MOD 17] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Mine Protected Route Clearance Vehicles (MPRCV)

#### DESCRIPTION / JUSTIFICATION:

The RWS is a platform designed for remote control target engagement from the protection of the armored vehicle. These systems can accommodate several weapons: MK19, M2, M240, M249, XM312/307 and M230. Features include target tracking- independent of gun motion, IR pointer illuminator, low ammo sensor, digital image stabilization, and permits target engagements under day and night conditions to max affective range of the weapon. The RWS will be applied to the RG-31 vehicle. The RWS will provide adequate stand off from hostile engagements, increasing mission survivability and route clearance mission accomplishment. This system is of great value providing protection to the gunner, vehicle crew and route clearance team. The RWS will contribute to saving many lives.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S): Contract Award July 08.

Instal	lation	Sc	hec	lu	le
--------	--------	----	-----	----	----

Inputs
Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									75	75	75	75								
										75	75	75	75							

1		FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		300
Outputs																		300

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

0 months

PRODUCTION LEADTIME: 0 months

Contract Dates:

FY 2008 - Jul 08

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Nov 08

FY 2009 -

FY 2010 -

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MODIFICATION TITLE (cont): Remote Weapon Station (MPRCV) [MOD 17] 0-00-00-0000

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					300	67.5													300	67.5
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					300	7.5													300	7.5
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	300	7.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	300	7.5
Total Procurement Cost		0.0		0.0		75.0		0.0		0.0		0.0		0.0		0.0		0.0		75.0

MODIFICATION TITLE: Rebuild Kits (MPRCV) [MOD 18] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Mine Protected Route Clearance Vehicles (MPRCV)

#### DESCRIPTION / JUSTIFICATION:

Rebuild kits will consist of drive train and power pack configuration packages designed specificly for each vehicle type (Buffalo, RG-31, JERRV, and VMMD). Each package will consist of those items commonly lost due to IED events and/or over extended usage. Such items will include engines, transmissions, axels, alternators, and wheel assemblies.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Contract Award July 08.

#### Installation Schedule

Inputs	
Outputs	

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									175	175	175	175								
										175	175	175	175							

	FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	700
																	700

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 4 months

February 2007

Contract Dates:

FY 2008 - Jul 08

FY 2009 -

Delivery Dates:

FY 2008 - Nov 08

FY 2009 -

FY 2010 -FY 2010 -

MODIFICATION TITLE (cont): Rebuild Kits (MPRCV) [MOD 18] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
•	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					700	147.0													700	147.
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits					700	63.0													700	63.
FY 2008 Equip Kits																				
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	700	63.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	63.
Total Procurement Cost		0.0		0.0		210.0		0.0		0.0		0.0		0.0		0.0		0.0		210.

Date:

February 2007

MODIFICATION TITLE: Add on Armor (BEB) [MOD 19] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Bridge Erection Boat (BEB)

#### DESCRIPTION / JUSTIFICATION:

Provides add on armor protection to the Bridge Erection Boat, includes A kit (1 per BEB defensive), 1 prototype and 44 for application & 13 B kits (4 per MRBC) 1 prototype and 12 for application.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Contract award July 08

#### Installation Schedule

Inputs Outputs

Inputs Outputs

Pr Yr		FY	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								14	14	15	15									
									14	14	15	15								

Totals	То		2015	FY			2014	FY			2013	FY 2			2012	FY 2	
	Complete	4	3	2	1	4	3	2	1	4	3	2	1	4	3	2	1
58																	
58																	

METHOD OF IMPLEMENTATION:

Contractor

ADMINISTRATIVE LEADTIME:

1 months

PRODUCTION LEADTIME: 2 months

Contract Dates:

FY 2008 - Jul 08

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Sep 08

FY 2009 -

FY 2010 -

MODIFICATION TITLE (cont): Add on Armor (BEB) [MOD 19] 0-00-00-0000

	FY 2	2006																		
	and	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	Т	С	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					58	0.9													58	0.9
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					58	0.3													58	0.3
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	58	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	58	0.3
Total Procurement Cost		0.0		0.0		1.2		0.0		0.0		0.0		0.0		0.0		0.0		1.2

Date:

February 2007

MODIFICATION TITLE: Next Generation Armor (MPRCV) [MOD 20] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Mine Protected Route Clearance Vehicles

#### DESCRIPTION / JUSTIFICATION:

There is a requirement to increase protection levels for the Buffalo, Vehicle Mounted Mined Detector (VMMD), RG-31 and Joint EOD Rapid Response Vehicle (JERRV) vehicles. Funds will be utilized to apply a solution to all four systems. The next generation armor combined with the current configuration will provide sufficient protection levels for our service members. This armor package will be applied to approximately 99 Buffalos, 87 VMMD systems, 339 RG-31's and 169 JERRV's.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Contract award July 08

#### Installation Schedule

Inputs
Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									173	173	174	174								
										173	173	174	174							

ľ		FY 2	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		694
Outputs																		694

METHOD OF IMPLEMENTATION:

Contractor ADMINISTRATIVE LEADTIME: 1 months

PRODUCTION LEADTIME: 4 months

Contract Dates:

FY 2008 - July 08

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 - Nov 08

FY 2009 -

FY 2010 -

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MODIFICATION TITLE (cont): Next Generation Armor (MPRCV) [MOD 20] 0-00-00-0000

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				I
Procurement																				 
Kit Quantity					694	111.0													694	111.0
Installation Kits																				
Installation Kits, Nonrecurring																				 
Equipment																				 
Equipment, Nonrecurring																				 
Engineering Change Orders																				 
Data																				 
Training Equipment																				 
Support Equipment																				 
Other																				 
Interim Contractor Support																				
Installation of Hardware																				 
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				 
FY 2008 Equip Kits					694	63.8													694	63.8
FY 2009 Equip Kits																				 
FY 2010 Equip Kits																				 
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	694	63.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	694	63.8
Total Procurement Cost		0.0		0.0		174.8		0.0		0.0		0.0		0.0		0.0		0.0		174.8

Date:

February 2007

MODIFICATION TITLE: HMMWV FRAG Kit #4 (Underbody) [MOD 25] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH) & M1151

#### DESCRIPTION / JUSTIFICATION:

Fragmentation (FRAG) kit #4 provides increased protection to the underbody. Enhanced solution based upon field recommendation to provide armor panels to the underbody. Total quantity required is 18669.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Based on PEO CS&CSS direction, and in response to certain tactical situations in theater, a Frag Kit #4 (FK4) Proof of Principle structure was designed by PM LTV and ATC in Sep 05; tested in Oct 05 (Generation I). The results demonstrated a need for a more extensive application than the chassis was capable off. USMC also conducted an identical test with their USMC MAK kit, and got worse results. However, in Oct 06, theater requested additional changes to the design and circumstances. PM LTV (with JIEDDO assistance) and ATC designed (Oct 06), fabricated (Nov 06), and tested (Dec 06) a Proof of Principles Generation II design. This, too, failed. Currently, theater, ARL, ATEC, and TARDEC are trying a 3rd generation design to another set of requirements. Currently, this effort in the early design phase and any successful Proof of Principle testing will require a MINIMUM of 180 days to develop and successfully integrate onto the M1114 UAH and M1151 Family.

Installation	Sched	lul	e
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i	
Inputs	
Outputs	

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									4667	4667	4667	4668								
										4667	4667	4667	4668							

		FY	2012			FY:	2013			FY	2014			FY:	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		18669
Outputs																		18669

METHOD OF IMPLEMENTATION: Depot ADMINISTRATIVE LEADTIME: 0 months PRODUCTION LEADTIME: 0 months

Contract Dates: FY 2008 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

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Date: February 2007

MODIFICATION TITLE (cont): HMMWV FRAG Kit #4 (Underbody) [MOD 25] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					18669	79.9													18669	79.9
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits					18669	53.2													18669	53.2
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	18669	53.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	18669	53.2
Total Procurement Cost	_	0.0		0.0		133.1	_	0.0		0.0		0.0	_	0.0		0.0		0.0		133.1

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Date:

February 2007

MODIFICATION TITLE: HMMWV Enhanced GPK [MOD 26] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH)

#### DESCRIPTION / JUSTIFICATION:

Enhanced Gunner Protection Kit (GPK) provides increased protection and enhanced situational awareness to the gunner. Enhancements include addition of transparent armor to the gun shield and GPK to improve situational awareness.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Collaborative design with ARDEC, PM-CSW and PM-TV (Gov't TDP); APG test began 30 Mar 06 and ballistic testing on 20 Apr 06.

TDP provided to Industrial Base Operations (IBO, formally GSIE) for production prototypes. ARDEC adapting for M1151/M1025, FMTV-LSAC/RACK, 5-ton, HEMTT and PLS requirements.

Installation Schedule

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
								2341	2341	2342	2342									
									2341	2341	2342	2342								

ı		FY	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
ı	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		9366
Outputs																		9366

METHOD OF IMPLEMENTATION: Depot ADMINISTRATIVE LEADTIME: 0 months

Contract Dates: FY 2008 - FY 2009 - FY 2010 
Delivery Dates: FY 2008 - FY 2009 - FY 2010 -

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Date: February 2007

MODIFICATION TITLE (cont): HMMWV Enhanced GPK [MOD 26] 0-00-00-0000

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					9366	81.5													9366	81.5
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2005 & Prior Equip Kits																				
FY 2006 Kits																				
FY 2007 Equip Kits																				
FY 2008 Equip Kits					9366	54.3													9366	54.3
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	9366	54.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9366	54.3
Total Procurement Cost		0.0		0.0		135.8		0.0		0.0		0.0		0.0		0.0		0.0		135.8

Date:

February 2007

MODIFICATION TITLE: ASV Enhancement Retrofits [MOD 28] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: All fielded ASVs

#### DESCRIPTION / JUSTIFICATION:

The ASV retrofit of enhancements will be applied to M1117's the have been fielded including those deployed in support of Operation Iraqi Freedom and Operation Enduring Freedom. Enhancements include the Resetable Burst Disk, Crew 2 Integration, and the Lower Rear Door Torsion Bar. Total Requirement is 1614 retrofits.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Enhancements were developed in response to Theater incidents and ONS requirement. They will reduce operating and support costs and improve vehicle readiness. Currently selecting design approach on resetable burst disk, then will implement and test. Crew 2 integration turret installation design option has been selected and prototype development has started. Torsion bar installation design option selected and prototype development has started with installation demonstration to follow. Enhancements will be incorporated into new vehicle production. Retrofit kits for vehicles produced prior to that point will be up-graded with these solutions.

In	nstallation Schedule																					
İ		Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY :	2010			FY 2	2011	
ľ		Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
In	nputs											403	403	404	404							
0	Outputs																					

_																		
		FY	2012			FY	2013			FY 2	2014			FY 2	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		1614
Outputs																		

METHOD OF IMPLEMENTATION: ADMINISTRATIVE LEADTIME: 3 months PRODUCTION LEADTIME: 4 months

Contract Dates: FY 2008 - Sep 08 FY 2009 - FY 2010 -

Delivery Dates: FY 2008 - FY 2009 - Jan 09 FY 2010 -

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MODIFICATION TITLE (cont): ASV Enhancement Retrofits [MOD 28] 0-00-00-0000

	FY 2	2006																		
	and l	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	Т	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity																				
Installation Kits					1614	36.0													1614	36.
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					1614	4.0													1614	4.
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	1614	4.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1614	4.
Total Procurement Cost		0.0		0.0	_	40.0		0.0		0.0		0.0		0.0		0.0		0.0	_	40.

Date:

February 2007

MODIFICATION TITLE: HMMWV AC Improvements [MOD 29] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Armored Vehicles - M1114 Up-Armored HMMWV (UAH)

#### DESCRIPTION / JUSTIFICATION:

Improved AC system provides a temperature reduction in the internal cabin of the M1114 Up-Armored HMMWVs. Improved AC consist of replacing the current AC system. Performance baseline is the M1151A1 HMMWV. Total quantity is 14,132.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

A new contract will be opened for competition upon receipt of funds. Cost estimate includes engineering, testing and production.

Inctal	lation	Scho	dui	ا ا
Instal	таноп	Scne	ш	ıe

Inputs Outputs

Inputs Outputs

Pr Yr		FY 2	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
										4710	4710	4712								
											4710	4710	4712							

	FY 2	2012			FY 2	2013			FY 2	2014			FY 2	2015		То	Totals
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
																	14132
																	14132

METHOD OF IMPLEMENTATION:

Contract

ADMINISTRATIVE LEADTIME:

6 months

PRODUCTION LEADTIME: 3 months

Contract Dates:

FY 2008 -

FY 2009 -

FY 2010 -

Delivery Dates:

FY 2008 -

FY 2009 -

FY 2010 -

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MODIFICATION TITLE (cont): HMMWV AC Improvements [MOD 29] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and I	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	То	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					14132	49.0													14132	49.0
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					14132	32.0													14132	32.0
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	14132	32.0	0	0.0	0			0.0	0	0.0	0	0.0	0	0.0	14132	32.0
Total Procurement Cost		0.0		0.0		81.0		0.0		0.0		0.0		0.0		0.0		0.0		81.0

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Date:

February 2007

MODIFICATION TITLE: CE/MHE Armor Upgrade Kits [MOD 35] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: Combat Engineer (CE)/Material Handling Equipment(MHE)

#### DESCRIPTION / JUSTIFICATION:

Add-on Armor (AoA) kits for Combat Engineer/Material Handling Equipment (CE/MHE) is required to meet critical armor in-theater requirements. The AoA Upgrade Kit increases protection to the vehicle crew compartment from a Level 3 to a Level 4 (highest level).

The FY2008 requirement is \$86M to procure, install and provide initial sustainment of (524) AoA Upgrade Kits to meet an in-theater requirement to increase the crew protection of armored CE/MHE Theater Provided Equipment (TPE) from a Level 3 to a Level 4 (highest level) against small arms and IED threats.

DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Production contract award - 30 Aug 08

Production - 1 Oct 08-Jun 09

Installation - 1 Dec 08-30 Dec 09

Installation Schedule

Inputs Outputs

Pr Yr		FY	2007			FY 2	2008			FY 2	2009			FY 2	2010			FY 2	2011	
Totals	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
									180	180	164									
									120	120	120	120	44							

		FY 2	2012			FY:	2013			FY 2	2014			FY	2015		То	Totals
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	Complete	
Inputs																		524
Outputs																		524

METHOD OF IMPLEMENTATION:

ADMINISTRATIVE LEADTIME:

2 months FY 2009 - Aug 08 PRODUCTION LEADTIME: 2 months

Contract Dates: Delivery Dates: FY 2008 - FY2008 FY 2008 - FY2008

FY 2009 - Oct 08

FY 2010 -FY 2010 -

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MODIFICATION TITLE (cont): CE/MHE Armor Upgrade Kits [MOD 35] 0-00-00-0000

	FY 2	2006																		
	and i	Prior	20	007	20	08	20	09	20	10	20	11	20	12	20	13	TO	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement					524	86.0													524	86.0
Kit Quantity																				
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits																				
FY 2009 Equip Kits							520												520	
FY 2010 Equip Kits									4										4	
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	0	0.0	520	0.0	4	0.0	0	0.0	0	0.0	0	0.0	0	0.0	524	0.0
Total Procurement Cost		0.0		0.0		86.0		0.0		0.0		0.0		0.0		0.0		0.0		86.0

Date:

February 2007

MODIFICATION TITLE: M939 Anti-Lock Brake System (ABS) [MOD 36] 0-00-00-0000

MODELS OF SYSTEM AFFECTED: M939 Family of Vehicles

#### DESCRIPTION / JUSTIFICATION:

The current design for the M939 brake system is inadequate and accident-prone. In the FY90-FY95 timeframe there were 194 serious accidents resulting in injury costs of \$8.1M, \$2.9M in property damage, 163 serious injuries, and 46 fatalities. In 1999, GAO report GAO/NSIAD-99-82 analysis indicated that from Jan 1987 thru Jun 1998 accident data showed that, while M939s made up an average of 9% of the Army Motor vehicle fleet, the M939 accounted for 34% of the fleet's accidents resulting in fatalities. Comparison of U.S. Department of Transportation accident statistics and M939 accident statistics showed that over a 10-year period, the fatality rate of occupants of the M939 averaged about 30 times higher than the fatality rate for occupants of comparably sized commercial trucks. For the past six years the M939 Series Trucks have been operating under Safety of Use Message (SOUM) 98-07 limiting the highway speed to 40-mph in an attempt to limit accidents, injuries, and fatalities occurring under this highway operational scenario. The accident scenario for M939 trucks occurs during panic stop situations and is worsened on wet pavement. In panic stop situations the truck's wheels lock up causing engine stall. This causes loss of power steering resulting in uncontrolled skidding creating accident and roll-over situations. Extensive testing of ABS for this truck has shown that ABS will eliminate 100% of the engine stalls and wheel lock-up regardless of the skill level of the drivers. Once the ABS is installed on trucks with radial tires, the 40-mph speed limit restriction can be lifted, allowing the vehicles to be safely operated to their required operational capability and mission requirements.

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

#### DEVELOPMENT STATUS / MAJOR DEVELOPMENT MILESTONE(S):

Products Specification Available - Oct 98 Hardware Application : Jan 00 - FY10

This mod includes tubes and tires in addition to the ABS kits. Kits are applied either by the hardware contractor or through the Government Reimbursable Program (GRP) where funds are provided directly to the organization applying the modification. The funded program through FY10 will fulfill 100% of the M939 ABS program. Application is subject to availability of vehicles and the schedule is developed with each receiving unit individually, so there is no convential application schedule shown below. Production leadtime for kits is approximately 6 months.

Installation Schedule																									
		Pr Yr			FY 20	007				FY 200	8			F	Y 200	19			FY	2010			FY	2011	
	-	Γotals		1	2	3	4	1	1 2		3	4	1	2		3	4	1	2	3	4	1	2	3	4
Inputs																									
Outputs																									
	_																								
	FY 2012				F	FY 2013				FY 20					F	Y 2015	i				То			Totals	
	FY 2012  1 2 3 4				1	1 2 3 4					4 1 2 3				1 2 3		3	4		Co	mplete				
Inputs																									
Outputs																									
METHOD OF IMPLE	EMENTA	ATION:	De	pot/Con	ractor	ADM	/INIST	RATI	VE LE	ADTIM	Ξ:	1 n	nonths			PRO	DUCTI	ON LEA	ADTIME:	6 mor	nths				
Contract Dates:			FY 2008 - Nov 07						FY 2009 - FY 2010 -																

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	INDIVIDUAL MOD	IFICATION	Date: February 2007	
Delivery Dates:	FY 2008 - Jun 08	FY 2009 -	FY 2010 -	

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Date: February 2007

MODIFICATION TITLE (cont): M939 Anti-Lock Brake System (ABS) [MOD 36] 0-00-00-0000

FINANCIAL PLAN: (\$ in Millions)

	FY 2	2006																		
	and l	Prior	20	07	20	08	20	09	20	10	20	11	20	12	20	13	T	C	To	tal
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																				
Procurement																				
Kit Quantity					1015	2.3													1015	2.3
Installation Kits																				
Installation Kits, Nonrecurring																				
Equipment																				
Equipment, Nonrecurring																				
Engineering Change Orders																				
Data																				
Training Equipment																				
Support Equipment																				
Other (Testing, PM/Eng Spt)																				
Interim Contractor Support																				
Installation of Hardware																				
FY 2006 & Prior Equip Kits																				
FY 2007 Kits																				
FY 2008 Equip Kits					1015	2.1													1015	2.1
FY 2009 Equip Kits																				
FY 2010 Equip Kits																				
FY 2011 Equip Kits																				
FY 2012 Equip Kits																				
FY 2013 Equip Kits																				
TC Equip- Kits																				
Total Installment	0	0.0	0	0.0	1015	2.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1015	2.1
Total Procurement Cost		0.0		0.0		4.4		0.0		0.0		0.0		0.0		0.0		0.0		4.4

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Exhibit P-40, Budget Item	Justificatio	n Sł	heet						Date:		bruary 2007	
Appropriation / Budget Activity / Seria Other Procurement, Army / 1 / Tactic		cles				P-1 Item No		\$5.0M (TAC VEI	H) (DL5110)			
Program Elements for Code B Items:			Code:	A	Other Related Pro	ogram Element	s:					
	Prior Years	FY	2006	FY 200	7 FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	To Complete	Total Prog
Proc Qty												
Gross Cost					8.0							8.0
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc P1					8.0							8.0
Initial Spares												
Total Proc Cost					8.0							8.0
Flyaway U/C												
Weapon System Proc U/C			•									

#### **Description:**

This equipment consists of various tools essential to the maintenance of the Army's Worldwide Tactical Wheeled Vehicle Fleet. These sets include components as small as a screwdriver to as large as an Automotive Work Table and Maintenance Stand. The maintenance equipment and tools have multi-application to the maintenance organization tasked with maintaining tactical and support vehicles.

#### Justification:

FY 2008 Base Appropriation: \$0.00 FY 2008 GWOT Request: \$7.970 million

FY2008 Total: \$7.970 million

FY2008 GWOT dollars procure 1,559 Sets, Kits, Outfits, and Tools (SKOTs). These SKOTs are for additional assets to prosecute the Global War on Terror by resetting items, replacing battle losses, generating and protecting forces, and enhancing military capabilities.

Exhibit P-5, Weapon OPA1 Cost Analysis		riation/Budget Ac Procurement, Ar					menclature: IAN \$5.0M (TAC	C VEH) (DL5110)		Weapon System	n Type:	Date:	February 200
OPA1	ID		FY 06			FY 07			FY 08			FY 09	
<b>Cost Elements</b>	CD	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost
		\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000	\$000	Units	\$000
FY08 GWOT													
Shop Equip Elec Component Rpr								59	3	19.67			
Auto Sustainment and Maintenance SE								443	6	73.83			
Air Compressor 4310-00-542-4566								2767	488	5.67			
Air Compressor Various								690	600	1.15			
Air Compressor 4310-00-752-9634								48	7	6.86			
Air Compressor 4310-00-542-4564								82	48	1.71			
Saw Powerhack Portable								62	5	12.40			
Radiator Test&Repari Shop Equip								83	4	20.75			
Machinist Measuring Tool Set								5	6	0.83			
Spare Part Storage Field Shop Set								3528	392	9.00			
Program Support								203					
Total:								7970					

Exhibit P-5a, Budget Procuremen	t History and Planning							ate: ebruary	2007	
Appropriation/Budget Activity/Serial No: Other Procurement, Army/ 1/ Tactical and support vehicles	Weapon System Type:	P-1 Line Item ITEMS LESS	Nomenclature: THAN \$5.0M (TAC VEH) (D	L5110)						
WBS Cost Elements:	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Units	Unit Cost \$000	Specs Avail Now?	Date Revsn Avail	RFI Issu Dat
FY08 GWOT										
Shop Equip Elec Component Rpr										
FY 2008 MS	Snap-On Industrial Crystal Lake, IL	C/FFP	TACOM, Rock Island, IL	Jun 08	Nov 08	3	19.67	Y	N	
Auto Sustainment and Maintenance SE										
FY 2008 MS	Kipper Tool Co Gainesville, GA	C/FFP	TACOM, Rock Island, IL	Jun 08	Nov 08	6	73.83	Y	N	
Air Compressor 4310-00-542-4566										
FY 2008 MS	TBS	C/FFP	TACOM, Rock Island, IL	Jun 08	Oct 08	488	5.67	Y	N	
Air Compressor Various										
FY 2008 MS	TBS	C/FFP	TACOM, Rock Island, IL	Mar 09	Sep 09	600	1.15	Y		
Air Compressor 4310-00-752-9634										
FY 2008 MS	TBS	C/FFP	TACOM, Rock Island, IL	Mar 09	Sep 09	7	6.86	N	Jul 08	
Air Compressor 4310-00-542-4564										
FY 2008 MS	TBS	C/FFP	TACOM, Rock Island, IL	Mar 09	Sep 09	48	1.71	N	Jul 08	
Saw Powerhack Portable										
FY 2008 MS	TBS	C/FFP	TACOM, Rock Island, IL	Mar 09	Aug 09	5	12.40	N	Jul 08	
Radiator Test&Repari Shop Equip										
FY 2008 MS	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Jun 08	Oct 08	4	20.75	Y	N	
Machinist Measuring Tool Set										
FY 2008 MS	Kipper Tool Co Gainesville, GA	C/FFP 3/5	TACOM, Rock Island, IL	Jun 08	Oct 08	6	0.83	Y	N	
Spare Part Storage Field Shop Set										
FY 2008 MS	Sierra Army Depot Herlong, CA	SS/FFP	TACOM, Rock Island, IL	Jun 08	Oct 08	392	9.00	Y	N	

REMARKS: